Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	0.00	Rating **	Α	Issue No.		53	
LM End	0.00	Issue Type +	Ma	Location *		N/A	
Category Earthen Levee			GPS La	atituc	de/Longitude		
				Start		End	
Item	Operations & Maintenance				0		0
пеш	Manuals				0		0
DWR ID DWR_RD0999_01_s _ 2013_53							
		Comn	nent Cod	le			
		Inspect	or Comm	nent			
The LMA h	The LMA has copy of the O & M manual on file.						

No Photos

LM Start	0.00	Rating **	Α	Issue No.		54	
LM End	0.00	Issue Type +	Ma	Location *		N/A	
Category Earthen Levee			GPS La	atitud	le/Longitude		
Calegory				Start		End	
Item	Emergency Supplies & Equipment				0		0
пеш					0		0
DWR ID	DWR_RD0	999_01_s _ 201	3_54				
		Comn	nent Cod	le			
	Inspector Comment						
The LMA h	The LMA has adequate floodfight supplies and equipment on hand.						

No Photos

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type
Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	0.00	Rating **	Α	Issue No.		55	
LM End	0.00	Issue Type +	Ma	Location *		N/A	
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Flood Pre	paredness &	Training		0		0
пеш						0	
DWR ID	DWR_RD0	999_01_s _ 201	3_55				
		Comn	nent Cod	le			
	Inspector Comment						
The LMA is prepared for responding to floods and has received training.							

No Photos

LM Start	0.27	Rating **	М	Issue No.	3	
LM End	0.27	Issue Type +	Ма	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Vegetation			38.501113°		38.501113°
item	item			-121.581975 °		-121.581975 °
DWR ID	DWR_RD0	999_01_s _ 201	2_3			·
		Comn	nent Cod	le		
V4 : Elderl	perries are	blocking visit	ility and	flood fight	сара	bility.
Inspector Comment						



Photo 1 of 1: SP_2018_RD0999_232_3_20180301_00011.jpg



View of landside slope looking south.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	1.73	Rating **	U	Issue No.		919
LM End	1.73	Issue Type +	Ма	Location *		
Category Supplemental			GPS Latitude/Longitude			
Calegory				Start		End
Item	DWR UCI	P LMA Respo	onsibility	38.48009)7°	38.480097°
пеш				-121.58084	4 °	-121.580844°
DWR ID						

Comment Code

Inspector Comment

FS_ID:50092 DS_ID:22743 EP_NO: N/A Repair Type: Urgent Crossing Status: Found

UCIP Comments: 07/07/2016 Condition largely unchanged from previous inspection. Pipe open on the WS, waterward of the siphon breaker. Dense vegetation and steep slope limited inspection of WS outlet into Ship Channel. (T. Hatch/UCIP)

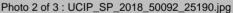
06/25/2013 Pipe abandoned and open on WS slope. Pipe should be abandoned properly. (W. Wylie/UCIP)

FIELD_STRUCT_DESC: *ABANDONED* 30-inch steel drainage pipe through the levee, 6.5 feet below the crown. Pump on a platform in the canal off the landside (LS) toe, not found. Flap gate on the waterside (WS), not found. Siphon breaker and an air vent on the WS shoulder. 1-inch galvanized iron filler pipe visible on the WS shoulder along same alignment. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 1.73)]. FS Date: 7/7/2016

LM Start	1.73	Rating **	U	Issue No.	919 (cont)
LM End	1.73	Issue Type +	Ma	Location *	



Pipe open on WS slope





Pump platform visible off LS toe, but no appurtances remain.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	1.73	Rating **	U	Issue No.	919 (cont)		
LM End	1.73	Issue Type +	Ма	Location *			
Category				GPS Latitude/Longitude			
Calegory	Category				Start End		
Item	DWR UC	IP LMA Respo	nsibility	38.48009	7°	38.480097 °	
пеш					4 °	-121.580844 °	
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:50092 DS_ID:22743 EP_NO: N/A Repair Type: Urgent Crossing Status: Found

UCIP Comments: 07/07/2016 Condition largely unchanged from previous inspection. Pipe open on the WS, waterward of the siphon breaker. Dense vegetation and steep slope limited inspection of WS outlet into Ship Channel. (T. Hatch/UCIP)

06/25/2013 Pipe abandoned and open on WS slope. Pipe should be abandoned properly. (W. Wylie/UCIP)

FIELD_STRUCT_DESC: *ABANDONED* 30-inch steel drainage pipe through the levee, 6.5 feet below the crown. Pump on a platform in the canal off the landside (LS) toe, not found. Flap gate on the waterside (WS), not found. Siphon breaker and an air vent on the WS shoulder. 1-inch galvanized iron filler pipe visible on the WS shoulder along same alignment. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 1.73)].

FS Date: 7/7/2016



Pump platform visible off LS toe, but no appurtances remain.

LM Start	1.79	Rating **	М	Issue No.		30	
LM End	2.04	Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
Category	Calegory					End	
Item	Trim / Thi	n Trees		38.4791	65 °	38.475463 °	
пеш				-121.5806	40°	-121.580722 °	
DWR ID DWR_RD0999_01_s _ 2012_30							
	Comment Code						

T1: Trim trees to at least five feet above ground level.

Inspector Comment

Photo 1 of 2: SP_2018_RD0999_232_30_20180301_00024.jpg



Looking southeast at dense trees on landward slope. (Fall 2016)

Location		K
LS : Land Side	N/A: Not Applicable	
WS: Water Side		1
CR · Crown		

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

Thursday, May 31, 2018 12:08 FINAL DATA Page 4 of 21

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	1.79	Rating **	М	Issue No.		30 (cont)		
LM End	2.04	Issue Type +	Ма	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory			Start		End			
Item	Trim / Thi	n Trees		38.4791	65 °	38.475463 °		
item				-121.580640 °		-121.580722 °		
DWR ID DWR_RD0999_01_s _ 2012_30								
		Comn	nent Cod	le				
T1 : Trim t	rees to at	east five feet	above g	round level	•			
Inspector Comment								



Looking southeast at dense trees on landward slope. (Spring 2016)

-							
LM Start	2.13	Rating **	С	Issue No.	7		
LM End	2.13	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory			Start		End		
Trim / Thin Trees				38.474258°		38.474258 °	
пеш			-121.580528 °		-121.580528 °		
DWR ID	DWR_RD0	999_01_s _ 201	2_7				
		Comn	nent Cod	le			
T1: Trim t	rees to at	least five feet	above g	round level.			
	Inspector Comment						

No Photos

LM Start	2.13	Rating **	U	Issue No.		31	
LM End	2.13	Issue Type +	Ма	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.4742	° 00	38.474200 °	
item				-121.580480 °		-121.580480 °	
DWR ID	DWR_RD0	999_01_s _ 201	2_31				
		Comn	nent Cod	le			
T1 : Trim t	rees to at	least five feet	above g	round level.			
		Inspecto	or Comm	nent			



** Rating

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiancy

Ob: Design & System Obsolescence

En: Enforcement

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	2.13	Rating **	U	Issue No.		31 (cont)	
LM End	2.13	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory		Start		End			
Item	Trim / Thi		38.4742	° 00	38.474200 °		
пеш	item				80°	-121.580480 °	
DWR ID DWR_RD0999_01_s _ 2012_31							
		Comn	nent Cod	de			
T1: Trim t	rees to at	least five feet	above g	round level			
Inspector Comment							



Looking southeast at untrimmed trees on landward slope. (Spring 2016)

LM Start	2.17	Rating **	М	Issue No.		32	
LM End	2.17	Issue Type +	Ma	Location *		WS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory						End	
Item	Vegetation			38.4736	50°	38.473650 °	
пеш				-121.5807	56°	-121.580756 °	
DWR ID	DWR_RD0	999_01_f _ 201	7_32				
	Comment Code						
V2 : Remove the wild growth other than native grasses from the levee slopes.							

Inspector Comment

NΙΩ	Dhotos

LM Start	2.18	Rating **	С	Issue No.		8	
LM End	2.19	Issue Type +	Ma	Location *		WS	
Earthen Levee				GPS Latitude/Longitude			
Category		Start		End			
Item	Trim / Thi	n Trees		38.47354	2°	38.473417	0
item				-121.58079	93 °	-121.580885	0
DWR ID	DWR_RD0	999_01_s _ 201	2_8				
		Comn	nent Cod	le			

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	2.51	Rating **	М	Issue No.		40
LM End	2.51	Issue Type +	Ma	Location *	LS	
Earthen Levee				GPS La	atitud	le/Longitude
Category				Start		End
Item	Encroach	ments		38.4690	48 °	38.469048 °
пеш					75 °	-121.583075 °
DWR ID	ID DWR_RD0999_01_s _ 2012_40					
Comment Code						

MA : Material

Inspector Comment

Excavation activity on landside shoulder. Hole is approximately 15ft x 12" x 15". Hole appears to be excavated by a backhoe.

LM Start	2.51	Rating **	М	Issue No.	40 (cont)	
LM End	2.51	Issue Type +	Ма	Location *	LS	



Looking south at trench along landward shoulder. (spring 2016)

Photo 2 of 4: SP_2018_RD0999_232_40_20180301_00034.jpg



Looking south at excavation on landside shoulder.

LM Start	2.51	Rating **	М	Issue No.	40 (cont)
LM End	2.51	Issue Type +	Ma	Location *	LS



Looking south at close-up view of excavation on landside shoulder.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	2.51	Rating **	М	Issue No.	e No. 40 (con		
LM End	2.51	Issue Type +	Ma	Location *	LS		
Earthen Levee				GPS La	atitud	le/Longitude	
Category				Start		End	
Itom	Encroach	ments		38.4690	48 °	38.469048 °	
item	Item			-121.5830	75 °	-121.583075 °	
DWR ID	ID DWR_RD0999_01_s _ 2012_40						
Comment Code							

MA: Material

Inspector Comment

Excavation activity on landside shoulder. Hole is approximately 15ft x 12" x 15". Hole appears to be excavated by a backhoe.



Looking north at excavation on landside shoulder.

LM Start	3.22	Rating **	М	Issue No.	51		
LM End	3.22	Issue Type +	Ma Location *		LS		
Earthen Levee				GPS Latitude/Longitude			
Category			Start		End		
Item	Slope Sta	bility		38.4593	99°	38.459399 °	
пеш				-121.5875	23 °	-121.587523 °	
DWR ID DWR_RD0999_01_s _ 2013_51							

Comment Code

S1: Repair slope instability.

Inspector Comment

Depression on landward shoulder and slope 40' x 20'. Earthen material appears to be sliding toward levee toe.

LM Start	3.22	Rating **	М	Issue No.	51 (cont)
LM End	3.22	Issue Type +	Ma	Location *	LS

Photo 1 of 3: SP_2018_RD0999_232_51_20180301_00052.jpg



View of landside slope looking south.

Photo 2 of 3 : SP_2018_RD0999_232_51_20180301_00053.jpg



Looking northeast at depression on landward slope. (Fall 2016)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	3.22	Rating **	M	Issue No.	51 (cont)			
LM End	3.22	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Calegory				Start		End		
Item Slope Stability				38.4593	99°	38.459399°		
				-121.587523 °		3° -121.587523°		
DWR ID DWR_RD0999_01_s _ 2013_51								
		Comn	nent Cod	le				
S1 : Repai	r slope ins	tability.						
Inspector Comment								
Depression on landward shoulder and slope 40' x 20'. Earthen material appears to be sliding toward levee toe.								



Looking north at depression on landside shoulder and slope. (Spring 2016)

LM Start	4.16	Rating **	N	Issue No.	14			
LM End	4.16	Issue Type +	Ma	Location *	WS			
Category Earthen Levee				GPS La	atitud	le/Longitude		
Calegory	Category					End		
Itom	Item Trim / Thin Trees			38.4466	19°	38.446619°		
пеш				-121.593442 °		-121.593442 °		
DWR ID	DWR_RD0	999_01_s _ 201	2_14					
		Comn	nent Cod	le				
T5 : Tree s	stumps.							
	Inspector Comment							

No Photos

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Ob : Design & System Obsole En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	4.17	Rating **	N	Issue No.		15			
LM End	4.17	Issue Type +	Ma	Location *		WS			
Category	evee		GPS Latitude/Longitude						
Calegory			Start		End				
Item	Trim / Thi	n Trees		38.4464	78°	38.446478 °			
пеш				-121.5935	° 80	-121.593508°			
DWR ID	DWR ID DWR_RD0999_01_s _ 2012_15								
		Comn	nent Cod	le					
T5 : Tree s	stumps.								
		Inspecto	or Comm	nent					

No Photos

LM Start	4.31	Rating **	М	Issue No.	27		
LM End	4.31	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End		
ltom	Slope Sta	Slope Stability			60°	38.444560 °	
пеш	Item			-121.5944	40 °	-121.594440 °	
DWR ID DWR_RD0999_01_f _ 2012_27							
Comment Code							

S3: Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Local farmer causing slope damage by driving equipment and trucks on slope.

Photo 1 of 2 : SP_2018_RD0999_232_27_20180301_00020.jpg



Looking at slope damage cause by vehicle traffice on waterward slope. (Fall 2016)

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	4.31 Rating ** M			Issue No.	27 (cont)			
LM End	4.31	Issue Type +	Ma	Location *	WS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory	ategory				Start			
Item	Slope Sta	bility		38.4445	60°	38.444560		
пеш				-121.5944	40 °	-121.594440		
DWR ID DWR_RD0999_01_f _ 2012_27								
Comment Code								

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Local farmer causing slope damage by driving equipment and trucks on slope.



Looking at slope damage cause by vehicle traffice on waterward slope. (Spring 2015)

LM Start	4.83	Rating **	M	Issue No.	5				
LM End	4.85	Issue Type +	Ma	Location *	WS				
Category	Category Supplemental				GPS Latitude/Longitude				
Calegory						End			
Item		ACE Erosion S	Survey,	38.43750	6°	38.437296	0		
item	DRAFT	DRAFT			7°	-121.597803	0		
DWR ID	DWR_RD0999_01_s _ 2016_5								
	Comment Code								

Inspector Comment

2006 - Slump failure of lower slope. Longitudinal cracks present along the levee slope. 2011 - Difficult to see due to overgrown vegetation. A small section of the levee has slumped. Sties DWS 5.0 and DWS 5.01 were combined. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: DWS_5-0_L]

No Photos

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	6.56	Rating **	С	Issue No.		41		
LM End	6.59	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee		GPS Latitude/Longitude				
Calegory			Start		End			
Encroachments 38.41385					56°	38.413475	٥	
пеш	-121.608635 °				35°	-121.608817	0	
DWR ID	DWR ID DWR_RD0999_01_s _ 2016_41							
		Comn	nent Cod	le				
PR : Pruni	ngs							
		Inspecto	or Comm	nent				
Pruning pil	Pruning piles on landward toe.							

No Photos

LM Start	7.13	Rating **	С	Issue No.		22		
LM End	9.67	Issue Type +	Ма	Location *		CR		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Item		rface / Depres	ssions /	38.4061	30°	38.371621	0	
пеш	Rutting			-121.6122	11 °	-121.628232	0	
DWR ID	DWR_RD0	999_01_s _ 201	2_22					

Comment Code

C3 : Add appropriate gravel or road base. Grade and compact.

Inspector Comment

Also control growth on levee crown. LMA has controlled growth on portions of the crown but still need to add appropriate road base.

No Photos

LM Start	7.61	Rating **	М	Issue No.	58		
LM End	7.61	Issue Type +	Ма	Location *	LS		
Catagony	Category Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Erosion / Bank Caving				38.39960	0°	38.399600°	
пеш				-121.61522	4 °	-121.615224 °	
DWR ID	DWR_RD0	999_01_f _ 201	6_58				
Comment Code							

Inspector Comment

Depression 10' by 20' on landward slope.





* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	7.61	Rating **	М	Issue No.		58 (cont)
LM End	7.61	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Erosion /	Bank Caving		38.3996	° 00	38.399600 °
пеш				-121.6152	24°	-121.615224 °
DWR ID DWR_RD0999_01_f _ 2016_58						
		Comn	nent Cod	le		
		Inspecto	or Comm	nent		
Depression 10' by 20' on landward slope.						



Looking northeast at depression on landward slope.

LM Start	9.63	Rating **	М	Issue No.		21	
LM End	9.63	Issue Type +	Ма	Location *		CR	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End		
Item	Vegetation			38.372118 °		38.372118 °	
item				-121.6279	82 °	-121.627982 °	
DWR ID DWR_RD0999_01_s _ 2018_21							
Comment Code							
V9 : Keep the crown roadway free of vegetation.							

Inspector Comment

No Photos

LM Start	10.81	Rating **	С	Issue No.		23		
LM End	11.06	1.06 Issue Type + Ma			WS			
Cotogony	Earthen Levee				GPS Latitude/Longitude			
Category				Start		End		
Item	Trim / Thin Trees			38.3560	77 °	38.352640 °		
item				-121.6355	98 °	-121.637078°		
DWR ID	DWR_RD0999_01_s _ 2012_23							

No Photos

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

Comment Code

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

11.30	Rating **	М	Issue No.		43		
11.59	Issue Type +	Ma	Location *		CR		
Earthen L	evee		GPS La	atitud	e/Longitude		
			Start		End		
	rface / Depres	ssions /	38.3493	80°	38.345353 °		
Rutting			-121.6385	40°	-121.640432 °		
DWR ID DWR_RD0999_01_s _ 2012_43							
	Comn	nent Cod	le				
C3 : Add appropriate gravel or road base. Grade and compact.							
Inspector Comment							
	11.59 Earthen L Crown Su Rutting DWR_RD0	11.59 Issue Type + Earthen Levee Crown Surface / Depres Rutting DWR_RD0999_01_s _ 201 Comn ppropriate gravel or road	11.59 Issue Type + Ma Earthen Levee Crown Surface / Depressions / Rutting DWR_RD0999_01_s _ 2012_43 Comment Cooppropriate gravel or road base.	11.59 Issue Type + Ma Location *	11.59 Issue Type + Ma Location * Earthen Levee GPS Latitud Start Crown Surface / Depressions / 38.349380 ° Rutting -121.638540 ° DWR_RD0999_01_s _ 2012_43 Comment Code ppropriate gravel or road base. Grade and com		



Looking north at growth on levee crown.

LM Start	13.64	Rating **	Α	Issue No.		24		
LM End	13.64	Issue Type +	Ma	Location *		LS		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory		Start		End				
Item	Vegetation			38.3162	08°	38.316208°		
пеш			-121.6449	51 °	-121.644951 °			
DWR ID	DWR ID DWR_RD0999_01_s _ 2018_24							
Comment Code								

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Good vegetation control.

Photo 1 of 1: SP_2018_RD0999_232_24_20180509_00091.jpg



Good vegetation control waterside looking north.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	13.64	Rating **	Α	Issue No.		25	
LM End	13.64	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitude	e/Longitude	
Calegory				Start		End	
Item	Vegetatio		38.3162	° 80	38.316208 °		
пеш			-121.644951 °		-121.644951 °		
DWR ID DWR_RD0999_01_s _ 2018_25							
		Comn	nent Cod	le			
V1 : Control annual grass and weeds on the levee slopes and easements.							
Inspector Comment							
Good vegetation control.							

no	to 1 of 1 : SP_2018_RD0999_232_25_20180509_00090.jpg
	and the state of t

Good vegetation control landside looking north.

LM Start	14.04	Rating **	М	Issue No.		49	
LM End	14.04	Issue Type +	Ма	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Erosion /	Bank Caving		38.3103	47°	38.310347°	
item				-121.6449	55 °	-121.644955 °	
DWR ID DWR_RD0999_01_f _ 2012_49							
Comment Code							
E1 : Note a	and monito	or erosion site					
		Inspecto	or Comm	ent			
Caving, 4'	x 10', on la	andside slope					
LM Start	14.04	Rating **	М	Issue No.		49 (cont)	

Ма

Location

LS

14.04

LM End

Issue Type +



Looking southeast at caving on landward slope fall 2015.

Photo 2 of 4: SP_2018_RD0999_232_49_20180301_00045.jpg

Looking east at caving on landward shoulder and slope. (Spring 2015)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	14.04	Rating **	M	Issue No.		49 (cont)		
LM End	14.04	Issue Type +	Ma	Location *		LS		
Earthen Levee				GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Erosion /	Bank Caving		38.3103	47°	38.310347°		
пеш				-121.6449	55 °	-121.644955 °		
DWR ID DWR_RD0999_01_f _ 2012_49								
		Comn	nent Cod	le				
E1 : Note a	and monito	or erosion site						
		Inspecto	or Comm	nent				
Caving, 4'	x 10', on la	andside slope.						

oto 3 of 4	: SP_20	18_RD09	999_232_	_49_20	180301	_00046.j
		W.			2	
C. W.			-	4000	120	Maria.
				13		
25						
			74.4	*		
12						
公海		设备		42.5	5	
The Court of		4				The state of

Looking east caving on landside slope.

LM Start 14.04 Rating ** M Issue No. 49 (cont) LM End 14.04 Issue Type + Ma Location * LS

Photo 4 of 4: SP_2018_RD0999_232_49_20180301_00047.jpg



Looking southeast at caving on landside slope.

-								
LM Start	15.22	Rating **	С	Issue No.		52		
LM End	15.22	Issue Type +	Ma	Location *		WS		
Category Earthen Levee				GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Encroachments					38.293207°		
пеш				-121.6449	47 °	-121.644947 °		
DWR ID	DWR ID DWR_RD0999_01_f _ 2017_52							
		Comn	nent Cod	le				
PR : Pruni	ngs							
		Inspecto	or Comm	nent				

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	15.24	Rating **	A/W	Issue No.		925		
LM End	15.24	Issue Type +	Ма	Location *				
Category	Supplemental				GPS Latitude/Longitude			
Calegory				Start		End		
Item	DWR UC	IP LMA Respo	onsibility	38.2930	05°	38.293005 °		
пеш				-121.6449	74 °	-121.644974 °		
DWR ID								
Comment Code								

Inspector Comment

FS_ID:15366 DS_ID:22757 EP_NO: 14199

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 24-inch steel discharge pipe through the levee, 6.3 feet below the crown. Pump house on the landside (LS) toe with a siphon breaker in a steel riser on the waterside (WS) shoulder. (Permit No. 14199, 1985, [owner not indicated in permit database]). FS Date: 6/25/2013

LM Start	15.24	Rating **	A/W	Issue No.	925 (cont)
LM End	15.24	Issue Type +	Ma	Location *	



Pump in pumphouse on LS toe.

Photo 2 of 3: UCIP_SP_2018_15366_25230.jpg



siphon breaker in steel riser on WS shoulder

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	15.24	Rating **	A/W	Issue No.	925 (cont)		
LM End	15.24	Issue Type +	Ма	Location *			
Category	ental	GPS Latitude/Longitude					
Calegory				Start		End	
Item	DWR UC	IP LMA Respo	nsibility	38.29300)5 °	38.293005 °	
пеш				-121.64497	'4 °	-121.644974 °	
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:15366 DS_ID:22757 EP_NO: 14199

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 24-inch steel discharge pipe through the levee, 6.3 feet below the crown. Pump house on the landside (LS) toe with a siphon breaker in a steel riser on the waterside (WS) shoulder. (Permit No. 14199, 1985, [owner not indicated in permit database]). FS Date: 6/25/2013



Closeup of 24-inch pipe on LS toe.

LM Start	15.24	Rating **	A/W	Issue No.	926		
LM End	15.24	Issue Type +	Ма	Location *			
Category	ental	GPS Latitude/Longitude					
Calegory			Start		End		
Item	DWR UC	IP LMA Respo	nsibility	38.29297	3°	38.292973 °	
пеш				-121.64497	7 °	-121.644977 °	
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:15365 DS_ID:22756 EP_NO: N/A

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments:

FIELD_STRUCT_DESC: 30-inch steel drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Pump in pump house on the landside (LS) toe. Siphon breaker in a corrugated metal pipe (CMP) riser on the WS shoulder. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 15.25) (36-inch pipe listed)]. FS Date: 6/25/2013

Photo 1 of 3: UCIP_SP_2018_15365_25227.jpg



Pumphouse on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	15.24	Rating **	A/W	Issue No.	926 (cont)		
LM End	15.24	Issue Type +	Ма	Location *			
Category	Suppleme	GPS Latitude/Longitude					
Calegory						End	
Item	DWR UC	IP LMA Respo	nsibility	38.29297	73 °	38.292973 °	
пеш				-121.64497	77 °	-121.644977 °	
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:15365 DS ID:22756 EP_NO: N/A

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 30-inch steel drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Pump in pump house on the landside (LS) toe. Siphon breaker in a corrugated metal pipe (CMP) riser on the WS shoulder. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 15.25) (36-inch pipe listed)]. FS Date: 6/25/2013

15.24 Rating ** A/W Issue No. 926 (cont) LM Start Issue Type + Location ' LM End 15.24 Ma



Photo 2 of 3: UCIP_SP_2018_15365_25226.jpg



Siphon breaker in CMP riser on WS shoulder.

Photo 3 of 3: UCIP_SP_2018_15365_25225.jpg



Closeup of pipe at pumphouse on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	15.24	Rating **	A/W	Issue No.	927		
LM End	15.24	Issue Type +	Ма	Location *			
Category	Supplemental			GPS Latitude/Longitude			
Calegory			Start		End		
Item	DWR UC	IP LMA Respo	onsibility	38.2929	43 °	38.292943 °	
пеш				-121.6449	80°	-121.644980 °	
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:15363 DS_ID:22755 EP_NO: 15303

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 30-inch steel discharge pipe through the levee, 7 feet below the crown. Pump on platform on the landside (LS) toe. Siphon breaker in corrugated metal pipe (CMP) riser on the waterside (WS) shoulder. (Permit No. 15303, 1989 - Reclamation District No. 999). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 6/25/2013

LM Start	15.24	Rating **	A/W	Issue No.	927 (cont)
LM End	15.24	Issue Type +	Ma	Location *	



Pump platform to right of pumphouse.

Photo 2 of 3: UCIP_SP_2018_15363_25218.jpg



Siphon breaker in CMP riser on WS shoulder.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	15.24	Rating **	A/W	Issue No.	927 (cont)		
LM End	15.24	Issue Type +	Ма	Location *			
Category	Supplemental			GPS Latitude/Longitude			
Calegory				Start		End	
Item	DWR UC	IP LMA Respo	onsibility	38.29294	43 °	38.292943 °	
пеш				-121.64498	30°	-121.644980 °	
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:15363 DS_ID:22755 EP_NO: 15303

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 30-inch steel discharge pipe through the levee, 7 feet below the crown. Pump on platform on the landside (LS) toe. Siphon breaker in corrugated metal pipe (CMP) riser on the waterside (WS) shoulder. (Permit No. 15303, 1989 - Reclamation District No. 999). [Additional Reference(s): DWR Levee Log, 1992].

FS Date: 6/25/2013



Pump and platform on LS toe.

LM Start	15.30	Rating **	С	Issue No.	62			
LM End	15.30	Issue Type +	Ma	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Item	Trim / Thi	n Trees		38.29203	°	38.292030°		
item				-121.64497	ı °	-121.644971 °		
DWR ID	DWR_RD0	999_01_f _ 201	4_62			·		
		Comment Code						

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

1110	0.00	Rating **	N 4	Issue No.		24	
LM Start	0.06		М			21	
LM End	0.06	Issue Type +	Ма	Location *	LS		
Category Earthen Levee				GPS La	atitud	le/Longitude	
Odlogory				Start End			
Item	Trim / Thi	n Trees		38.2904	34°	38.290434 °	
item				-121.643873 °		-121.643873 °	
DWR ID DWR_RD0999_02_f _ 2017_21							
		Comn	nent Cod	le			
T1 : Trim t	rees to at l	east five feet	above g	round level			
		Inspecto	or Comm	ent			
		Порсок	0011111	ioni			



View of landside slope looking north.

LM Start	0.08	Rating **	U	Issue No.		32	
LM End	0.15	Issue Type +	Ма	Location *	LS		
Category	Earthen L	evee		GPS La	atituc	le/Longitude	
Calegory				Start End			
Item	Vegetatio	n		38.2905	43°	38.290753 °	
item				-121.643501 °		-121.642288 °	
DWR ID DWR_RD0999_02_s _ 2018_32							
		Comn	nent Cod	le			
V1 : Contro easements		rass and wee	ds on th	e levee slop	oes	and	
		Inspecto	or Comm	nent			

Photo 1 of 1 : SP_2018_RD0999_233_32_20180507_00053.jpg



Vegetation landside looking east.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	0.08	Rating **	U	Issue No.		34	
LM End	0.15	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory						End	
Item	Vegetatio	n		38.2905	43°	38.290753 °	
item	-121.643501 °					-121.642288 °	
DWR ID DWR_RD0999_02_s _ 2018_34							
		Comn	nent Cod	le			
V1 : Contro easements		rass and wee	ds on th	e levee slop	oes a	and	
		Inspecto	or Comm	nent			



Vegetation waterside looking east.

LM Start	0.35	Rating **	М	Issue No.		12		
LM End	0.35	Issue Type +	Ма	Location *		WS		
Earthen Levee				GPS La	titud	le/Longitude		
Category				Start		End		
Item	Trim / Thi	n Trees		38.29112	25 °	38.291125	0	
item				-121.63873	80°	-121.638730	0	
DWR ID	DWR ID DWR_RD0999_02_s _ 2018_12							
Comment Code								

Comment Code

T1: Trim trees to at least five feet above ground level.

Inspector Comment

Nο	Photos	:

LM Start	0.71	Rating **	М	Issue No.	44		
LM End	0.71	Issue Type +	Ма	Location *	WS		
Category Earthen Levee			GPS Latitude/Longitude				
			Start		End		
Item	Trim / Thi	n Trees		38.292689°		38.292689 °	
пеш				-121.63273	° o	-121.632730 °	
DWR ID DWR_RD0999_02_f _ 2015_44							
Comment Code							

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	0.73	Rating **	М	Issue No.		37
LM End	0.73	Issue Type +	Ма	Location *		LS
Cotogony	Earthen L	evee		GPS La	atitud	e/Longitude
Category				Start		End
Item	Trim / Thin Trees			38.2927	83°	38.292783 °
item				-121.632317 °		-121.632317°
DWR ID DWR_RD0999_02_s _ 2014_37						
		Comn	nent Cod	de		
T1: Trim t	rees to at	least five feet	above g	round level		
Inspector Comment						

LM Start	0.73	Rating **	М	Issue No.	37 (cont)
LM End	0.73	Issue Type +	Ma	Location *	LS



View of landside slope looking north.

Photo 2 of 3: SP_2018_RD0999_233_37_20180301_00026.jpg



Looking at untrimmed tree on landward slope and toe. (Fall 2016)

LM Start	0.73	Rating **	М	Issue No.	37 (cont)
LM End	0.73	Issue Type +	Ma	Location *	LS





Looking at untrimmed tree on landward slope. (Spring 2016)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	0.76	Rating **	М	Issue No.		26		
LM End	0.78	Issue Type +	Ma	Location *		WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Trim / Thi	Trim / Thin Trees			68°	38.292613 °		
пеш				-121.6317	'55 °	-121.631542°		
DWR ID	DWR_RD0	999_02_f _ 201	3_26					
		Comn	nent Cod	le				
T1: Trim t	rees to at	east five feet	above g	round level				
	Inspector Comment							

No Photos

LM Start	0.82	Rating **	М	Issue No.		14	
LM End	0.82	Issue Type +	Ma	Location *	LS		
Cotogon Earthen Levee				GPS Latitude/Longitude			
Category			Start		End		
Item	Vegetation			38.29243	39°	38.292439 °	
пеш				-121.63078	31 °	-121.630781 °	
DWR ID DWR_RD0999_02_f _ 2012_14							
		^	. ^				

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Century plant on landside slope.

LM Start	0.82	Rating **	М	Issue No.	14 (cont)
LM End	0.82	Issue Type +	Ma	Location *	LS

Photo 1 of 2: SP_2018_RD0999_233_14_20180301_00011.jpg



Looking north at century plant at landward toe fall 2015.

Photo 2 of 2 : SP_2018_RD0999_233_14_20180301_00012.jpg



Looking north at century plant at landside toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	0.83	Rating **	М	Issue No.		19	
LM End	0.83	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Trim / Thi	n Trees		38.2923	86°	38.292386 °	
пеш				-121.630543 °		-121.630543 °	
DWR ID	DWR_RD0	999_02_f _ 201	2_19				
		Comn	nent Cod	le			
T2: Thin t	rees to allo	w visibility of	the grou	nd and roo	m to	flood fight.	
		Inspecto	or Comm	nent			

hoto 1 of 2 : SP_2018_RD0999_233_19_20180301_00016.jpg
10 10 2017

View of landside slope looking north.

 LM Start
 0.83
 Rating **
 M
 Issue No.
 19 (cont)

 LM End
 0.83
 Issue Type +
 Ma
 Location *
 LS

Photo 2 of 2: SP_2018_RD0999_233_19_20180301_00017.jpg



Looking north at untrimmed and trees to be thinned at landward toe fall 2015.

LM Start	0.84	Rating **	М	Issue No.		13	
LM End	0.84	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Encroach	ments		38.2923	52°	38.292352 °	
item			-121.630452 °		-121.630452 °		
DWR ID DWR_RD0999_02_s _ 2012_13							
		Comn	nent Cod	le			
TR : Tree	or limb						
Inspector Comment							



Looking northwest at tree limb on landside slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	0.85	Rating **	A/W	Issue No.		22		
LM End	0.85	Issue Type +	Ma	Location *	LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Encroach	ments		38.2922	90°	38.292290 °		
пеш				-121.630167 °		-121.630167 °		
DWR ID	DWR ID DWR_RD0999_02_f _ 2017_22							
		Comn	nent Cod	de				
PR : Prunii	ngs							
		Inspecto	or Comm	nent				

No Photos

							_
LM Start	0.87	Rating **	М	Issue No.		23	
LM End	0.87	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS L	atitud	le/Longitude	
Calegory						End	
Item	Encroach	ments		38.2922	111°	38.292211	0
пеш				-121.629950 °		50° -121.629950°	
DWR ID	DWR_RD0	999_02_f _ 201	7_23				
		Comn	nent Cod	de			
PR : Pruni	ngs						
		Inspecto	or Comm	nent			

No Photos

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	0.93	Rating **	М	Issue No.	2		
LM End	1.03	Issue Type +	Ма	Location *	LS		
Catagory	Earthen L	evee		GPS La	atitud	le/Longitude	
Category			Start		End		
Item	Animal Control			38.291823°		38.291250°	
item			-121.628973 °		-121.627285 °		
DWR ID DWR_RD0999_02_s _ 2012_2							
		Comn	nent Cod	le			
A1 : Exteri	minate rod	ents and back	fill and o	compact or	grou	it burrows.	
Inspector Comment							



Looking at several rodent holes on landside slope.

LM Start	0.96	Rating **	U	Issue No.	39	
LM End	1.01	Issue Type +	Ma	Location *	LS	
Earthen Levee			GPS La	atitud	e/Longitude	
Category				Start		End
Item	Trim / Thi	n Trees		38.2916	03 °	38.291292 °
пеш				-121.628485 °		-121.627577 °
DWR ID	DWR_RD0	999_02_f _ 201	4_39			
Comment Code						
T1: Trim t	rees to at	least five feet	above g	round level.		

Inspector Comment

Untrimmed trees along landside toe.

LM Start	0.96	Rating **	U	Issue No.	39 (cont)
LM End	1.01	Issue Type +	Ma	Location *	LS





View of landside slope looking west.

Photo 2 of 2: SP_2018_RD0999_233_39_20180301_00029.jpg



Looking east at untrimmed trees on landward slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	1.04	Rating **	A/W	Issue No.		20			
LM End	1.53	Issue Type +	Ма	Location *	CR				
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Category				Start		End			
Item		rface / Depres	ssions /	38.2912	06°	38.290915°			
item	Rutting		-121.627030 °		-121.618227 °				
DWR ID DWR_RD0999_02_f _ 2012_20									
Comment Code									
C2 : Repai	r depressi	ons or ruts in	the crow	n or slope.					
		Inspecto	or Comm	ent					

No Photos

LM Start	1.15	Rating **	A/W	Issue No.		40	
LM End	1.15	Issue Type +	Ma	Location *		WS	
Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Trim / Thin Trees			38.2910	69°	38.291069	0	
пеш				-121.6251	38°	-121.625138	0

DWR ID DWR_RD0999_02_f _ 2014_40

Comment Code

T1: Trim trees to at least five feet above ground level.

Inspector Comment

Nic	۰ DŁ	notos	,

LM Start	1.93	Rating **	М	Issue No.	16		
LM End	1.93	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS Lat	itud	e/Longitude	
Calegory	<i>l</i> ategory			Start		End	
Item	Vegetatio	n		38.28871	3°	38.288713	•
пеш				-121.611620		-121.611620	•
DWR ID DWR_RD0999_02_s _ 2012_16							
Comment Code							

Comment Code

V4: Elderberries are blocking visibility and flood fight capability.

Inspector Comment

No Photos

Location	
LS: Land Side	N/A: Not Applicable
WS: Water Side	
CP · Crown	

* Rating
A: Acceptable
M: Minimally Acceptable
U: Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

-							
LM Start	1.97	Rating **	A/W	Issue No.		33	
LM End	1.97	Issue Type +	Ма	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Animal Co	ontrol		38.2887	'12 °	38.288712 °	
					-121.610920 °		
DWR ID	DWR ID DWR_RD0999_02_s _ 2017_33						
	Comment Code						
A1 : Extern	minate rod	ents and back	fill and c	compact or	grou	t burrows.	
		Inspecto	or Comm	nent			

No Photos

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type
Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	0.01	Rating **	М	Issue No.		16	
LM End	0.01	Issue Type +	Ма	Location *	ws		
Catagony	evee		GPS La	atitud	le/Longitude		
Category				Start		End	
Item	Encroach	ments		38.2866	678°	38.286678 °	
item				-121.6059)71 °	-121.605971 °	
DWR ID	DWR_RD0	999_03_f _ 201	7_16				
		Comn	nent Coo	le			
TR : Tree	or limb						
		Inenecto	or Comm	nent .			
		Пореск	or Comm	iont .			



View of waterside slope looking east.

LM Start	0.04	Rating **	М	Issue No.		32		
LM End	0.04	Issue Type +	Ма	Location *		WS		
Earthen Levee			GPS La	atitud	le/Longitude			
Category				Start		End		
Item	Encroachments			38.2870	40°	38.287040 °		
пеш			-121.6056	67°	-121.605667 °			
DWR ID DWR_RD0999_03_f _ 2017_32								
		Comn	nent Cod	le				
PR : Pruni	ngs							
		Inspecto	or Comm	nent				
Large pruning pile on waterside slope.								



View of waterside slope looking east.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	0.06	Rating **	М	Issue No.		17		
LM End	0.06	Issue Type +	Ма	Location *	WS			
Cotogon Earthen Levee				GPS Latitude/Longitude				
Calegory	Category					End		
Itom	Vegetatio	n		38.28729	90°	38.287290°		
Item				-121.60547	'2	-121.605472 °		
DWR ID DWR_RD0999_03_s _ 2017_17								
Commont Code								

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Century plants on waterward slope.



Looking east at century plants on waterward slope.

LM Start	0.09	Rating **	М	Issue No.		Issue No.		23
LM End	0.09	Issue Type +	Ma	Location *	* WS			
Category	Earthen Levee				GPS Latitude/Longitu			
Calegory		Start		End				
Item	Encroach	ments		38.2875	95°	38.287595 °		
item	item			-121.6052	75 °	-121.605275 °		
DWR ID	DWR_RD0999_03_s _ 2017_23							

Comment Code

PR : Prunings

Inspector Comment

Large pruning piles on waterward slope.



Looking east large pruning piles on waterward slope.

LM Start	0.22	Rating **	U	Issue No.		35	
LM End	0.29	Issue Type +	Ма	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	tegory					End	
Item	Vegetatio	n		38.2894	27°	38.290416°	
пеш			-121.6045	44 °	-121.604545°		
DWR ID DWR_RD0999_03_s _ 2018_35							

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



Vegetation landside looking north.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	0.22	Rating **	U	Issue No.		36			
LM End	0.29	Issue Type +	Ma	Location *		WS			
Category Earthen Levee			GPS Latitude/Longitude						
Calegory				Start		End			
Item	Vegetatio	n		38.2894	27°	38.290416 °			
пеш				-121.6045	44 °	-121.604545 °			
DWR ID	DWR ID DWR_RD0999_03_s _ 2018_36								
Comment Code									
V/1 · Contr	ol appual d	arace and was	de on th	a lavoa clar	000	and			

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



Vegetation waterside looking north.

LM Start	0.24	Rating **	U	Issue No.		29	
LM End	0.65	Issue Type +	Ma	Location *	WS		
Category	ental	GPS Latitude/Longitude					
Calegory	egory					End	
Item		CE Erosion S	Survey,	38.2896	34°	38.295505°	
item	DRAFT			-121.6043	43 °	-121.605648°	
DWR ID DWR_RD0999_03_s _ 2016_29							
Comment Code							

Inspector Comment

1997 - Intermittent over-steepened sections. Large riparian vegetation along the length of the entire reach. Attempts to repair with rock on bank have failed. 1999 - New rock repair at the downstream end. 2002 - Some minor spot repairs. 2009 - Minimal new erosion. 2010 - Appears that fresh rock placed on downstream portion of site. Toe scour and overhanging trees with some overturned. 2012 - Minor new erosion at the toe. 2013 - Site upgraded to CRITICAL. Severe slumping into levee at downstream end of site. Fresh erosion into bank toe. 2015: New slumping, tall vertical sections. [2015 Site ID: STR_24-7_R]

Photo 1 of 1 : SP_2018_RD0999_234_29_20180301_00029.jpg



USACE 2013 Photo #1

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	0.38	Rating **	М	Issue No.		33		
LM End	0.38	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Calegory				Start		End		
Item	Slope Sta	bility		38.2916	40°	38.291640 °		
пеш				-121.6047	99°	-121.604799 °		
DWR ID	DWR_RD0	999_03_f _ 201	7_33					
		Comn	nent Cod	le				
S3 : Repai	r the levee	slope damag	ed by ve	hicle traffic	and	prevent		
access wh	ere possib	le.						
		Inspect	or Comm	nent				



View of landside slope looking southwest.

LM Start	0.62	Rating **	М	Issue No.		37
LM End	0.67	Issue Type +	Ma	Location *		CR
Category	evee	GPS Latitude/Longitude				
Calegory	Category					End
Item		rface / Depres	ssions /	38.29502	21 °	38.295839°
пеш	Rutting			-121.60582	26 °	-121.605925 °
DWR ID DWR_RD0999_03_s _ 2018_37						
		Comn	nent Coo	le		

C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.

Inspector Comment

No Photos

LM Start	0.66	Rating **	U	Issue No.		8	
LM End	0.66	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		38.2956	18°	38.295618	0
Item				-121.6059	23 °	-121.605923	0
DWR ID	DWR_RD0	999_03_s _ 201	2_8				
		_					

Comment Code

V4: Elderberries are blocking visibility and flood fight capability.

Inspector Comment

Dense veg on landward slope.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	0.93	Rating **	М	Issue No.		43	
LM End	0.95	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Trim / Thin Trees			38.2991	30°	38.299362	0
item				-121.6037	68°	-121.603462	0
DWR ID	DWR_RD0	999_03_f _ 201	4_43				
Comment Code							
T1 : Trim trees to at least five feet above ground level.							

Inspector Comment

LM Start	0.93	Rating **	М	Issue No.	43 (cont)
LM End	0.95	Issue Type +	Ma	Location *	LS



View of landside slope looking northeast.

Photo 2 of 2: SP_2018_RD0999_234_43_20180301_00036.jpg



Looking at untrimmed trees on landward slope and toe.

Photo 1 of 1: SP_2018_RD0999_234_30_20180301_00030.jpg

LM Start	0.97	Rating **	М	Issue No.		30	
LM End	1.10	Issue Type +	Ma	Location *		WS	
Category	Supplemental					le/Longitude	
Calegory	egory					End	
Item	2015 USACE Erosion Survey,			38.29940)2 °	38.300542 °	
item	DRAFT			-121.60305	66°	-121.601118 °	
DWR ID	DWR_RD0	999_03_s _ 201	6_30				
		Comn	nent Cod	le			

Inspector Comment

2008 - Over steepened levee section. 2009 - Significant new erosion. 2010 - Minor new erosion. 2015: No observed changes. [2015 Site ID: STR_25-2_R]



USACE 2013 Photo #1

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	1.43	Rating **	М	Issue No.		1
LM End	1.58	Issue Type +	Ma	Location *	WS	
Category	ental		GPS La	titud	le/Longitude	
Calegory				Start		End
Itom		CE Erosion S	Survey,	38.3052	29°	38.306667 °
item	DRAFT DRAFT				33 °	-121.598266 °
DWR ID DWR_RD0999_03_s _ 2016_1						
	Comment Code					

Inspector Comment

2011 - Toe scour along length of site and erosion pockets. 2012 - Site extended slighty upstream due to new erosion pocket. 2013 - Tall vertical sections at upstream end of site. 2015: No observed changes. [2015 Site ID: STR_25-7_R]



USACE 2013 Photo #1

LM Start	1.50	Rating **	М	Issue No.		11	
LM End	1.50	Issue Type +	Ma	Location *		LS	
Category	evee	GPS Latitude/Longitude					
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.3060	62 °	38.306062	
item				-121.5994	95 °	-121.599495 °	
DWR ID DWR_RD0999_03_s _ 2012_11							

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

LM Start	1.50	Rating **	М	Issue No.	11 (cont)
LM End	1.50	Issue Type +	Ma	Location *	LS

Photo 1 of 2: SP_2018_RD0999_234_11_20180301_00010.jpg



Looking at untrimmed trees on landward slope and toe. (Fall 2016)

Photo 2 of 2 : SP_2018_RD0999_234_11_20180301_00011.jpg



Looking at untrimmed trees on landward slope and toe. (Spring 2016)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	1.53	Rating **	U	Issue No.		12		
LM End	1.53	Issue Type +	Ма	Location *	LS			
Catagon Earthen Levee GPS Latitude/Longitude								
Calegory	Category Start End							
Item	Trim / Thi	n Trees		38.3063	32°	38.306332	0	
пеш				-121.5991	09°	-121.599109	0	
DWR ID DWR_RD0999_03_s _ 2012_12								
Comment Code								

T1 : Trim trees to at least five feet above ground level.

Inspector Comment



Looking east at untrimmed trees on landward slope.

LM Start	1.57	Rating **	M	Issue No.		13
LM End	1.59	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Trim / Thi	n Trees		38.3067	62 °	38.306948 °
пеш				-121.5985	41 °	-121.598320°
DWR ID	DWR_RD0	999_03_s _ 201	2_13			

Comment Code

T3: Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment



Looking north at untrimmed trees on landward toe. (Spring 2015)

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	1.61	Rating **	М	Issue No.		25				
LM End	1.61	Issue Type +	Ма	Location *		WS				
Category Earthen Levee GPS Latitude/Longitude										
Calegory				Start		End				
Item	Encroach	ments		38.3072	95°	38.307295 °				
пеш				-121.5982	202°	-121.598202°				
DWR ID DWR_RD0999_03_s _ 2017_25										
		Comn	nent Cod	le						
PR : Pruni	ngs									
		Inspecto	or Comm	nent						

			Alle
			-40
Control of the St.	- AND COL	2.15	
			1 2 2 2 1 6
	The second	THE RESERVE	
		Sealer.	A Market
			All appears
	- 44		The state of the s

Photo 1 of 2: SP_2018_RD0999_234_25_20180301_00024.jpg

View of waterside slope looking east.

 LM Start
 1.61
 Rating **
 M
 Issue No.
 25 (cont)

 LM End
 1.61
 Issue Type +
 Ma
 Location *
 WS

Photo 2 of 2: SP_2018_RD0999_234_25_20180301_00025.jpg



Looking east at several large pruning piles on waterward slope.

LM Start	1.66	Rating **	М	Issue No.		19	
LM End	1.66	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Trim / Thi	n Trees		38.3078	883°	38.307883	0
Item				-121.5984	07°	-121.598407	0
DWR ID	DWR_RD0	999_03_s _ 201	8_19				
		Comn	nent Cod	le			
T1 : Trim t	rees to at I	east five feet	above g	round level			
		Inspecto	or Comm	nent			

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

11100	4.67	Rating **	М	Issue No.		20			
LM Start	1.67	Rating	IVI	issue ivo.		20			
LM End	1.72	Issue Type +	Ma	Location *		WS			
Category	Earthen L	.evee		GPS La	atitud	le/Longitude			
Category				Start		End			
Item	Trim / Thi	n Trees		38.3080	87°	38.308733 °			
пеш				-121.5985	65°	-121.599021 °			
DWR ID	DWR_RD0	999_03_s _ 201	8_20						
		Comn	nent Coo	de					
T2 : Thin t	rees to allo	ow visibility of	the grou	nd and roo	m to	flood fight.			
		Inspecto	or Comm	nent					

No Photos

LM Start	1.68	Rating **	М	Issue No.		14
LM End	1.68	Issue Type +	Ma	Location *		LS
Earthen Levee GPS La				titud	e/Longitude	
Category				Start		End
Item	Trim / Thi	n Trees		38.30812	29°	38.308129°
пеш				-121.59861	0°	-121.598610 °
DWR ID	DWR_RD0	999_03_s _ 201	2_14			

No Photos

Comment Code
T1 : Trim trees to at least five feet above ground level.

Inspector Comment

LM Start	1.83	Rating **	М	Issue No.	24			
LM End	1.92	Issue Type +	Ма	Location *	WS			
Category	Earthen L	evee	GPS Lat	itud	le/Longitude			
Calegory	Salegory					End		
Item	Trim / Thi	n Trees		38.31029	1°	38.311168 °		
пеш				-121.59911	0 °	-121.598006 °		
DWR ID DWR_RD0999_03_s _ 2018_24								
Comment Code								

No Photos

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	2.32	Rating **	М	Issue No.		34			
LM End	2.34	Issue Type +	Ma	Location *		WS			
Category	Earthen L	evee		GPS La	atitud	le/Longitude			
Category				Start		End			
Item	Trim / Thi	n Trees		38.3150	46°	38.315329°			
item				-121.592678 °		-121.592564°			
DWR ID DWR_RD0999_03_f _ 2017_34									
		Comn	nent Cod	le					
T2 : Thin to	rees to allo	w visibility of	the grou	nd and roo	m to	flood fight.			
		Inspecto	or Comm	nent					

No Photos

LM Start	2.78	Rating **	М	Issue No.		28			
LM End	2.94	Issue Type +	Ma	Location *	LS				
Category Earthen Levee			GPS Latitude/Longitude						
			Start		End				
Trim / Thin Trees			38.321244 °		38.323362 °				
Item				-121.59096	9°	-121.590208°			
DWR ID	DWR ID DWR_RD0999_03_s _ 2012_28								
Comment Code									
T1: Trim t	T1 : Trim trees to at least five feet above ground level.								

1. Thin trees to at least live reet above ground leve

Inspector Comment

No Photos

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	2.87	Rating **	М	Issue No.		21	
LM End	2.92	Issue Type +	Ma	Location *	WS		
Category			GPS Latitude/Longitude				
Calegory	n y			Start		End	
Itom	ltem 2015 USACE Erosion Survey, DRAFT			38.32245	57 °	38.323042 °	
пеш				-121.59069	93 °	-121.590209 °	
DWR ID DWR_RD0999_03_s _ 2016_21							
Comment Code							

Inspector Comment

2012 - Slumping of upper levee slope. 2015: No observed changes. [2015 Site ID: STR 27-1 R]



USACE 2013 Photo #1

LM Start	2.88	Rating **	U	Issue No.		10
LM End	2.88	Issue Type +	Ma	Location *		LS
Catagony	Category Earthen Levee			GPS Latitude/Longitude		
Calegory				Start		End
Item	Trim / Thi	Trim / Thin Trees			57°	38.322757 °
пеш				-121.5908	17°	-121.590817 °
DWR ID DWR_RD0999_03_f _ 2012_10						
		^	. ^			

Comment Code

T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Wild growth at landside slope and toe.

LM Start	2.88	Rating **	U	Issue No.	10 (cont)
LM End	2.88	Issue Type +	Ma	Location *	LS

Photo 1 of 2: SP_2018_RD0999_234_10_20180507_00053.jpg



Trim thin trees landside looking west.

Photo 2 of 2: SP_2018_RD0999_234_10_20180301_00006.jpg



Looking northwest at dense vegetation on landward slope and toe. (Spring 2016)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	3.02 Rating ** U			Issue No.		31	
LM End	3.08	Issue Type +	Ма	Location *	LS		
Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Itom	Trim / Thi	n Trees		38.3238	32°	38.324031	
Item				-121.5887	36°	-121.587763	
DWR ID DWR_RD0999_03_s _ 2012_31							
Comment Code							

T3: Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

LM Start	3.02	Rating **	U	Issue No.	31 (cont)
LM End	3.08	Issue Type +	Ma	Location *	LS



Looking northwest at untrimmed trees on landward slope. (Spring 2016)

Photo 2 of 2: SP_2018_RD0999_234_31_20180301_00032.jpg



Looking north at trimmed trees on landward slope.

LM Start	3.05	Rating **	A/W	Issue No.		5	
LM End	3.23	Issue Type +	Ma	Location *		WS	
Category	Supplemental			GPS Latitude/Longitude			
Calegory			Start		End		
ltom		CE Erosion S	Survey,	38.32366	7°	38.325592 °	
пеш	Item DRAFT			-121.58822	6°	-121.585925 °	
DWR ID	RID DWR_RD0999_03_s _ 2016_5					·	
Comment Code							

Inspector Comment

2011 - Multiple erosion pockets. Some likely from tree popouts. 2013 - Tall vertical sections. 2015: New tree popout and significant new erosion. [2015 Site ID: STR_27-3_R]

Photo 1 of 1: SP_2018_RD0999_234_5_20180301_00002.jpg



USACE 2013 Photo #1

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	3.09	Rating **	A/W	Issue No.	9		
LM End	3.12	Issue Type +	Ma	Location *			
Category Supplemental				GPS Latitude/Longitude			
Calegory			Start		End		
ltom	2017 Stor	m Damage		38.3239	86°	38.324275 °	
Item				-121.587403 °		° -121.586967°	
DWR ID DWR_RD0999_03_f _ 2017_9							
	Comment Code						

Inspector Comment

Levee Evaluation Comments

Description: The damage consists of erosion of the lower waterside levee slope and bank approximately 147 feet in length along the west (right) bank of Sutter Slough. See attached pages for photos. Site location T06N R03E Section 36 and 25.

Site ID No:355

Site Designation:LMA-182 Repair Type: Erosion Rating:Area of Concern Field Date:7/27/2017

Notes:

LM Start	3.09	Rating **	A/W	Issue No.	9 (cont)
LM End	3.12	Issue Type +	Ma	Location *	





Location Rating + Issue Type LS : Land Side Ma: Maintenance Deficiancy N/A: Not Applicable A: Acceptable N: Not Inspected/Rated WS: Water Side : Minimally Acceptable C : Corrected Ob: Design & System Obsolescence A/W : Acceptable but Monitor & Maintain CR : Crown U : Unacceptable En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	3.09	Rating **	A/W	Issue No. 9 (con		9 (cont)	
LM End	3.12	Issue Type +	Ма	Location *			
Category				GPS Latitude/Longitude			
Calegory	Category			Start		End	
Item	2017 Stor	m Damage		38.32398	86°	38.324275 °	
пеш				-121.58740)3 °	-121.586967 °	
DWR ID	DWR ID DWR_RD0999_03_f _ 2017_9						
	Comment Code						

Inspector Comment

Levee Evaluation Comments

Description: The damage consists of erosion of the lower waterside levee slope and bank approximately 147 feet in length along the west (right) bank of Sutter Slough. See attached pages for photos. Site location T06N R03E Section 36 and 25.

Site ID No:355

Site Designation:LMA-182 Repair Type: Erosion Rating:Area of Concern Field Date:7/27/2017

Notes:



LM Start	3.18	Rating **	A/W	Issue No.		15	
LM End	3.21	Issue Type +	Ma	Location *			
Category				GPS Latitude/Longitude			
Category			Start		End		
Item	2017 Stor	m Damage		38.3250	53 °	38.325489 °	
пеш				-121.5863	47 °	-121.586100 °	
DWR ID DWR_RD0999_03_f _ 2017_15							
	Comment Code						

Inspector Comment

Levee Evaluation Comments

Description:The damage consists of erosion of the lower waterside levee slope and bank approximately 172 feet in length along the west (right) bank of Sutter Slough. See attached pages for photos. Site location T06N R04E Section 3 and 4.

Site ID No:356

Site Designation:LMA-183 Repair Type: Erosion Rating:Area of Concern Field Date:7/27/2017

Notes:



* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	3.18	Rating **	A/W	Issue No. 15 (conf		15 (cont)	
LM End	3.21	Issue Type +	Ma	Location *			
Category Supplemental			GPS Latitude/Longitude				
			Start		End		
Item	2017 Stor	m Damage		38.3250	53°	38.325489°	
пеш	em			-121.5863	47 °	-121.586100 °	
DWR ID DWR_RD0999_03_f _ 2017_15							
	Comment Code						

Inspector Comment

Levee Evaluation Comments

Description: The damage consists of erosion of the lower waterside levee slope and bank approximately 172 feet in length along the west (right) bank of Sutter Slough. See attached pages for photos. Site location T06N R04E Section 3 and 4.

Site ID No:356

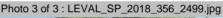
Site Designation:LMA-183 Repair Type: Erosion Rating:Area of Concern Field Date:7/27/2017

Notes:

LM Start	3.18	Rating **	A/W	Issue No.	15 (cont)
LM End	3.21	Issue Type +	Ma	Location *	







N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	4.56	Rating **	М	Issue No.		18	
LM End	4.68	Issue Type +	Ma	Location *		WS	
Category			GPS La	atitud	le/Longitude		
Calegory			Start		End		
Item		ACE Erosion S	Survey,	38.3138	36°	38.315407	0
пеш	DRAFT			-121.5922	59°	-121.591433	0
DWR ID DWR_RD0999_03_s _ 2016_18							
	Comment Code						

Inspector Comment

2002 - Original rock over geotextile is sliding off and the end is coming unraveled. 2003 - Some minor new erosion on the downstream end. 2004 - Site has gotten worse. Underlined geofabric is exposed. 2005 -Still looks bad with exposed geotextile fabric. 2006 - Still have some new unraveling and exposed fabric. Site lengthened upstream. 2009 -Minimal new erosion. 2010 - geotextile fabric placed since last year, possible flood fight. 2012 - Exposed geotech style fabric, assume rock on top slid off. 2015: Erosion pockets covered with plastic. [2015 Site ID: STR_26-5_L]

Photo 1 of 1: SP_2018_RD0999_234_18_20180301_00019.jpg



USACE 2013 Photo #1

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.00	0.00 Rating ** A/W		Issue No.		54	
LM End	0.00	Issue Type +	Ма	Location *			
Category	Supplemental				GPS Latitude/Longitude		
Calegory						End	
Item	DWR UC	IP LMA Respo	onsibility	38.41402	2 °	38.414022 °	
пеш				-121.52298	6°	-121.522986 °	
DWR ID							

Comment Code

Inspector Comment

FS_ID:15708 DS_ID:22788 EP_NO: N/A

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments: 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIB). (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: [Elk Slough Inlet Structure] 60-inch by 60-inch reinforced concrete drainage culvert through the levee, 30 feet below the crown. Slide gate in a 6-foot by 8-foot concrete vault on the waterside (WS) shoulder. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 0.00)].

FS Date: 7/12/2013

LM Start	0.00	Rating **	A/W	Issue No.	54 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



Slide gate in concrete vault on WS shoulder.

Photo 2 of 2: UCIP_SP_2018_15708_26136.jpg



Toe of LS at approximate location of outlet/inlet.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.02	Rating **	A/W	Issue No.		8		
LM End	0.28	Issue Type +	Ma	Location *	WS			
Category			GPS Latitude/Longitude					
Calegory	gory					End		
Item		ACE Erosion S	Survey,	38.41438	37°	38.417692 °		
пеш	DRAFT			-121.5228	71 °	-121.525083 °		
DWR ID DWR_RD0999_04_s _ 2016_8								
Comment Code								

Inspector Comment

1997 - Structural problem rather than erosional, failed cobble at downstream end. 2005 - New brush boxes at waterline for several hundred feet downstream, No toe or bank protection present. 2006 - Some minor new erosion. Brush boxes not working well; most of the brush has floated out. 2007 - Brush boxes have recently been repaired. 2015: No observed changes. [2015 Site ID: SAC_41-9_R]



USACE 2013 Photo #1

LM Start	0.03	Rating **	М	Issue No.		Issue No.		45
LM End	0.03	Issue Type +	Ма	Location *	* LS			
Category Earthen Levee				GPS La	atitud	le/Longitude		
Calegory		Start		End				
Item	Encroach	ments		38.4143	35°	38.414335 °		
item			-121.5233	48 °	-121.523348 °			
DWR ID DWR_RD0999_04_s _ 2017_45								

Comment Code

TR: Tree or limb

Inspector Comment

Large downed tree on landside slope.

Photo 1 of 2: SP_2018_RD0999_235_45_20180301_00034.jpg



Looking northwest at the landside slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.03	Rating **	М	Issue No.		45 (cont)	
LM End	0.03	Issue Type +	Ma	Location *		LS	
Category	Earthen L	.evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Encroach	ments		38.4143	35°	38.414335 °	
пеш				-121.523348 °		-121.523348 °	
DWR ID DWR_RD0999_04_s _ 2017_45							
		Comn	nent Cod	de			
TR : Tree	or limb						
			_				
		Inspecto	or Comm	nent			
Large downed tree on landside slope.							



Looking west at fallen tree on landward slope.

LM Start	0.04	Rating **	U	Issue No.		Issue No.		53
LM End	0.06	Issue Type +	Ma	Location *		WS		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory	/			Start		End		
Item	Vegetatio	n		38.4145	33 °	38.414750°		
item	item			-121.5233	94°	-121.523543 °		
DWR ID DWR_RD0999_04_f _ 2017_53								

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Dense vegetation on waterside slope.

Photo 1 of 1 : SP_2018_RD0999_235_53_20180301_00042.jpg



Looking southeast at the waterside slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.10	Rating **	A/W	Issue No.		42	
LM End	0.29	Issue Type +	Ма	Location *			
Category	Suppleme	ental	GPS Latitude/Longit		le/Longitude		
Calegory						End	
Item	2017 Stor	m Damage		38.4153	19°	38.417744 °	
пеш				-121.523717°		-121.525344°	
DWR ID	DWR_RD0999_04_f _ 2017_42						
	Comment Code						

Inspector Comment

Levee Evaluation Comments

Description:The damage consists of erosion of the lower and mid waterside levee slope approximately 997 feet in length along the west (right) bank of the Sacramento River. See attached pages for photos. Site location T06N R04E Section 3 and 4.

Site ID No:357

Site Designation:LMA-184 Repair Type: Erosion Rating:Serious Field Date:7/27/2017

Notes: on bank slope, big trees with exposed tree roots observed

LM Start	0.10	Rating **	A/W	Issue No.	42 (cont)
LM End	0.29	Issue Type +	Ma	Location *	





Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.10	Rating **	A/W	Issue No.	42 (cont)		
LM End	0.29	Issue Type +	Ма	Location *			
Category	Suppleme	ental		GPS La	titud	le/Longitude	
Calegory				Start		End	
Item	2017 Storm Damage			38.4153	19°	38.417744	0
item				-121.5237	17°	-121.525344	0
DWR ID	DWR_RD0999_04_f _ 2017_42						
Comment Code							

Inspector Comment

Levee Evaluation Comments

Description:The damage consists of erosion of the lower and mid waterside levee slope approximately 997 feet in length along the west (right) bank of the Sacramento River. See attached pages for photos. Site location T06N R04E Section 3 and 4.

Site ID No:357

Site Designation:LMA-184 Repair Type: Erosion Rating:Serious Field Date:7/27/2017

Notes: on bank slope, big trees with exposed tree roots observed



LM Start	0.11	Rating **	A/W	Issue No.		15		
LM End	0.21	Issue Type +	Ма	Location *		WS		
Category	Earthen L	evee		GPS La	tituc	le/Longitude		
Calegory			Start		End			
Item	Erosion / Bank Caving			38.4154	25 °	38.416733 °		
iteiii			-121.5239	20°	-121.524705 °			
DWR ID DWR_RD0999_04_s _ 2017_15								

Comment Code

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Waterside erosion 2ft vertical cut.



Looking downstream at 2ft plus vertical erosion on waterward slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.11	Rating **	A/W	Issue No.		15 (cont)	
		Ū		Location *		· ,	
LM End	0.21	Issue Type +	Ma	Location		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Culogory				Start		End	
Erosion / Bank Caving				38.4154	25°	38.416733 °	
пеш				-121.523920 °		0 ° -121.524705 °	
DWR ID DWR_RD0999_04_s _ 2017_15							
		Comn	nent Cod	le			
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spe	ction.	
		Inspecto	or Comm	nent			
Waterside	erosion 2f	t vertical cut.					



Looking upstream at 2ft plus vertical erosion on waterward slope.

LM Start	0.20	Rating **	М	Issue No.		24		
LM End	0.24	Issue Type +	Ma	Location *	WS			
Category	Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End		
Item	Trim / Thi	Trim / Thin Trees			3°	38.417070°		
пеш			rees 38.416653 -121.524656		6°	-121.525006 °		
DWR ID	DWR_RD0	999_04_s _ 201	2_24					
	Comment Code							

T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No	Photos

	0.50	D-+i **		Innua Na			
LM Start	0.53	Rating **	М	Issue No.		37	
LM End	0.56	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS La	titud	le/Longitude	
Calegory				Start	End		
Item	Trim / Thin Trees			38.42079	91 °	38.421219 °	
item				-121.5275	91° 38.421219	-121.527913 °	
DWR ID	DWR_RD0999_04_s _ 2015_37						
Comment Code							

T1: Trim trees to at least five feet above ground level.

Inspector Comment

* Location		** Rating		+ Issue Type
LS: Land Side	N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR · Crown		U · Unaccentable	A/W · Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.55	Rating **	М	Issue No.		44	_	
LM End	0.59	Issue Type +	Ма	Location *		WS		
Category	evee		GPS L	atitud	e/Longitude			
Calegory				Start		End		
Item	Trim / Thi	n Trees		38.4211	08°	38.421513	٥	
Item				-121.527805 °		-121.528102	٥	
DWR ID	DWR_RD0	999_04_f _ 201	6_44					
		Comn	nent Cod	le				
T1 : Trim t	rees to at l	east five feet	above g	round level				
			_					
		Inspecto	or Comm	nent				

No Photos

LM Start	0.60	Rating **	М	Issue No.	19			
LM End	0.63	Issue Type +	Ма	Location *		LS		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory					End			
Item	Trim / Thin Trees			38.4216	47 °	38.421997 °		
пеш				-121.5282	35 °	-121.528470 °		
DWR ID	DWR_RD0	999_04_s _ 201	2_19					
	Comment Code							
T1: Trim t	rees to at	least five feet	above gi	round level.				

No Photos

Inspector Comment

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.63	Rating **	М	Issue No.		34	
LM End	0.63	Issue Type +	Ma	Location *		WS	
Category	evee	GPS La	titud	e/Longitude			
Calegory			Start		End		
Item	Vegetatio	n		38.42209	96°	38.422096 °	
пеш				-121.52848	36°	-121.528486 °	
DWR ID DWR_RD0999_04_s _ 2018_34							
		Comn	nent Coo	le			
V1 : Contro easements	•	grass and wee	eds on th	e levee slop	es	and	
		Inspecto	or Comm	nent			

No Photos

LM Start	0.65	Rating **	М	Issue No.		35	
LM End	0.65	Issue Type +	Ma	Location *			
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory	egory		Start		End		
Item	Trim / Thi	n Trees		38.4223	37°	38.422337	0
пеш				-121.5286	90°	-121.528690	0
DWR ID	DWR_RD0	999_04_s _ 201	8_35				
		Comn	nent Coc	de			

No Photos

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

LM Start	0.75	Rating **	N	Issue No.		17	
LM End	0.75	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS Latitude/Longitude			
Category				Start		End	
Item	n Trees		38.4235	60°	38.423560	0	
пеш				-121.529653 °		53° -121.529653°	
DWR ID	DWR ID DWR_RD0999_04_f _ 2017_17						
		Comn	nent Cod	le			
T5 : Tree s	stumps.						
		Inspecto	or Comm	nent			

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.79	Rating **	U	Issue No.		33	
LM End	0.79	Issue Type +	Ма	Location *		LS	
Category	evee	GPS Latitude/Longitude					
Calegory			Start		End		
Item	Encroach	ments		38.4240	68°	38.424068 °	
пеш			-121.5300	17°	-121.530017 °		
DWR ID	DWR ID DWR_RD0999_04_s _ 2018_33						
		Comn	nent Cod	de			
TR : Tree	or limb						
		Inspecto	or Comm	nent			
Remove de	owned tree	on landside	slope.				



Downed tree landside looking southwest.

	I							
LM Start	0.82	Rating **	N	Issue No.		14		
LM End	0.82	Issue Type +	Ma	Location *		LS		
Category Earthen Levee				GPS Latitude/Longitude				
Category			Start		End			
Item	Trim / Thi	n Trees		38.4244	32°	38.424432 °		
item				-121.530265 °		-121.530265 °		
DWR ID	DWR_RD0	999_04_s _ 201	2_14					
		Comn	nent Cod	le				
T5 : Tree s	stumps.							
Inspector Comment								

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.84	Rating **	N	Issue No.		9		
LM End	0.84	Issue Type +	Ma	Location *		LS		
Cotogony	Earthen L	evee		GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Trim / Thi	n Trees		38.4247	'22 °	38.424722 °		
пеш				-121.5304	70°	-121.530470 °		
DWR ID	DWR ID DWR_RD0999_04_s _ 2012_9							
		Comn	nent Cod	le				
T5 : Tree s	stumps.							
	Inspector Comment							

No Photos

LM Start	0.95	0.85 Rating ** M Issue No. 50							
LIVI Start	0.65	rtating	IVI	13300 140.		30			
LM End	0.85	Issue Type +	Ma	Location *	LS				
Category	Earthen L	evee	GPS Latitude/Longitude						
Calegory				Start		End			
Item	Vegetatio	n		38.4248	05°	38.424805°			
-121.530541 ° -121.530541 °									
DWR ID DWR_RD0999_04_f _ 2017_50									
		Commant Codo							

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment





Looking west at the landside slope.

LM Start	0.93	Rating **	M	Issue No.		21	
LM End	0.93	Issue Type +	Ma	Location *		LS	
Category	Earthen L	GPS La	titud	e/Longitude			
Calegory						End	
Item	Vegetatio	n		38.4258	57°	38.425857	0
пеш				-121.5312	70°	-121.531270	0
DWR ID	DWR_RD0999_04_s _ 2018_21						

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.94	Rating **	С	Issue No.		3	
LM End	0.98	Issue Type +	Ма	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.4259	72 °	38.426500 °	
пеш				-121.5312	28 °	-121.531560 °	
DWR ID	DWR_RD0	999_04_s _ 201	2_3				
		Comn	nent Cod	le			
T1 : Trim t	rees to at l	east five feet	above g	round level.			
	Inspector Comment						

LM Start	0.94	Rating **	М	Issue No.		43	
LM End	0.94	Issue Type +	Ма	Location *		WS	
Category	Earthen L	evee	GPS Latitude/Longitude				
Category				Start		End	
Item	Encroach	ments		38.4260	05°	38.426005 °	
item				-121.5313	82 °	-121.531382 °	
DWR ID	DWR_RD0	999_04_f _ 201	7_43				
		Comn	nent Cod	le			
PR : Pruni	ngs						
	Inspector Comment						
Pruning piles on waterside slope,							



Looking east at the waterside slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.95	Rating **	М	Issue No.		39	
LM End	0.95	Issue Type +	Ма	Location *	WS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.4261	39°	38.426139 °	
пеш				-121.5313	86°	-121.531386 °	
DWR ID	DWR_RD0	999_04_s _ 201	8_39				
		Comn	nent Cod	le			
T2 : Thin to	rees to allo	w visibility of	the grou	nd and rooi	m to	flood fight.	
	Inspector Comment						

No Photos

LM Start	1.01	Rating **	U	Issue No.		16	
LM End	1.04	Issue Type +	Ма	Location *	LS		
Category	Earthen L	.evee	GPS Latitude/Longitude				
Calegory				Start		End	
Item	Vegetatio	n		38.42687	3°	38.427295 °	
пеш	-121.531778 ° -121.532164						
DWR ID	DWR ID DWR_RD0999_04_f _ 2012_16						
	Comment Code						

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Blackberries blocking view of landside toe.

LM Start	1.01	Rating **	U	Issue No.	16 (cont)
LM End	1.04	Issue Type +	Ma	Location *	LS

Photo 1 of 4: SP_2018_RD0999_235_16_20180301_00014.jpg



Looking southwest at dense vegetation on landward slope and toe. (Spring 2016)

Photo 2 of 4: SP_2018_RD0999_235_16_20180301_00015.jpg



Looking northwest at dense vines at landward toe. Fall 2015

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	1.01	Rating **	U	Issue No.		16 (cont)		
LM End	1.04	Issue Type +	Ма	Location *		LS		
Category Earthen Levee				GPS Latitude/Longitude				
				Start		End		
Item	Vegetation			38.42687	'3	38.427295	0	
item		-121.53177	'8	-121.532164	0			
DWR ID DWR_RD0999_04_f _ 2012_16								

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Blackberries blocking view of landside toe.

LM Start	1.01	1.01 Rating ** U	Issue No.	16 (cont)	
LM End	1.04	Issue Type +	Ma	Location *	LS



Looking southwest at dense berry vines at landward toe. 2013

Photo 4 of 4: SP_2018_RD0999_235_16_20180301_00017.jpg



Looking south at dense berryvines on landside toe. 2012

LM Start	1.10	Rating **	М	Issue No.		47	
LM End	1.10	Issue Type +	Ma	Location *		WS	
Category	evee	GPS Latitude/Longitude					
Calegory	Calegory					End	
Item	Erosion /	Bank Caving		38.42815	2 °	38.428152 °	
item			-121.53250	2 °	-121.532502 °		
DWR ID DWR_RD0999_04_s _ 2017_47							
Comment Code							

E1: Note and monitor erosion site.

Inspector Comment

Small erosion just above rip rap on waterside toe and runoff erosion on waterside slope.

Photo 1 of 3: SP_2018_RD0999_235_47_20180301_00038.jpg



Looking southeast at the waterside slope.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

1.10	Rating **	М	Issue No.		47 (cont)			
1.10	Issue Type +	Ма	Location *		WS			
Cotagon Earthen Levee					GPS Latitude/Longitude			
Category				Start				
Erosion / Bank Caving			38.42815	2 °	38.428152°			
		-121.53250	2 °	-121.532502 °				
DWR ID DWR_RD0999_04_s _ 2017_47								
	Earthen L	Earthen Levee Erosion / Bank Caving	Earthen Levee Erosion / Bank Caving	Earthen Levee GPS Lat Start Erosion / Bank Caving 38.42815 -121.53250	Earthen Levee GPS Latitud Start Erosion / Bank Caving 38.428152 ° -121.532502 °			

Comment Code

E1: Note and monitor erosion site.

Inspector Comment

Small erosion just above rip rap on waterside toe and runoff erosion on waterside slope.

LM Start	1.10	Rating **	М	Issue No.	47 (cont)
LM End	1.10	Issue Type +	Ma	Location *	WS



Looking east at the waterside slope.

Photo 3 of 3: SP_2018_RD0999_235_47_20180301_00040.jpg



Looking west at runoff erosion on waterward slope.

LM Start	1.15	Rating **	Rating ** U		Issue No.			
LM End	1.15	Issue Type +	Ма	Location *		LS		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory	alegory			Start		End		
Item	Vegetation			38.42882	3°	38.428823 °		
item			-121.53288	5 °	-121.532885 °			
DWR ID DWR_RD0999_04_s _ 2012_5								

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Berry vines and wild roses on landside toe.



Looking south at the dense vegetation on the landside slope.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	1.15	Rating **	U	Issue No.		5 (cont)		
LM End	1.15	Issue Type +	Ma	Location *		LS		
Category	Earthen Levee			GPS Latitude/Longitude				
Calegory	gory			Start		End		
Item	Vegetation			38.42882	23 °	38.428823 °		
item			-121.5328	85 °	-121.532885 °			
DWR ID DWR_RD0999_04_s _ 2012_5								

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Berry vines and wild roses on landside toe.

LM Start	1.15	Rating **	U	Issue No.	5 (cont)
LM End	1.15	Issue Type +	Ma	Location *	LS



Looking at dense vines at landward toe. Fall 2015.

Photo 3 of 3: SP_2018_RD0999_235_5_20180301_00005.jpg



Looking north at dense vegetation on landside slope near ramp.

LM Start	1.16	Rating **	U	Issue No.	40			
LM End	1.16	Issue Type +	Ма	Location *	LS			
Category	Earthen L	evee	GPS Latitude/Longitude					
Calegory			Start		End			
Item	Erosion / Bank Caving			38.428877 °		38.428877 °		
item					22 °	-121.532922 °		
DWR ID DWR_RD0999_04_f _ 2015_40								
Comment Code								
E2 : Sched	E2 : Schedule repair of erosion site prior to the next inspection.							

Inspector Comment

Large hole and erosion on landside shoulder, slope and toe.



Looking southwest at the landside slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	1.16	Rating **	U	Issue No.		40 (cont)		
LM End	1.16	Issue Type +	Ма	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Calegory			Start		End			
Item	Erosion / Bank Caving			38.4288	77°	38.428877 °		
item	-121.532922 °				22°	-121.532922 °		
DWR ID DWR_RD0999_04_f _ 2015_40								
		Comn	nent Cod	le				
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spe	ction.		
		Inspecto	or Comm	nent				
Large hole and erosion on landside shoulder, slope and toe.								

2noto 2 of 3 : SP_2018_F	RD0999_235_40_20180301_00028.jpg	

Looking east at erosion on landward shoulder and slope. (Spring 2016)

 LM Start
 1.16
 Rating **
 U
 Issue No.
 40 (cont)

 LM End
 1.16
 Issue Type +
 Ma
 Location *
 LS

Photo 3 of 3: SP_2018_RD0999_235_40_20180301_00029.jpg



Looking southwest at shoulder erosion and caving at landward slope and toe.

LM Start	1.18	Rating **	М	Issue No.		46
LM End	1.18	Issue Type +	Ма	Location *		WS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory		Start		End		
Item	Erosion /	Bank Caving		38.4292	01°	38.429201 °
item					12 °	-121.533012°
DWR ID	DWR ID DWR_RD0999_04_s _ 2016_46					
		Comn	nent Cod	le		
E2 : Sche	dule repair	of erosion site	e prior to	the next in	spec	tion.
		Inspecto	or Comm	nent		
Erosion located just below asphalt on waterside shoulder.						



Looking east at the erosion on the waterside slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	1.18	Rating **	М	Issue No.		46 (cont)	
LM End	1.18	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory			Start		End		
Item	Erosion /	Bank Caving		38.429201 °		38.429201 °	
пеш	item			-121.533012 °		° -121.533012 °	
DWR ID	DWR ID DWR_RD0999_04_s _ 2016_46						
		Comn	nent Cod	le			
E2 : Schedule repair of erosion site prior to the next inspection.							
Inspector Comment							
Erosion located just below asphalt on waterside shoulder.							

Photo 2 of 2 : SP_2018_RD0999_235_46_20180301_00037.jpg
The state of the s

Looking west at foot erosion on waterward shoulder and slope.

LM Start	1.20	Rating **	М	Issue No.		22		
LM End	1.22	Issue Type +	Ma	Location *		LS		
Category	Earthen L	GPS Latitude/Longitude						
Calegory			Start		End			
Item	Trim / Thin Trees			38.4294	67°	38.429750 °		
пеш				-121.5331	10°	-121.533188 °		
DWR ID DWR_RD0999_04_f _ 2013_22								
Comment Code								

T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

LM Start	1.20	Rating **	М	Issue No.	22 (cont)
LM End	1.22	Issue Type +	Ma	Location *	LS



Looking south at dense trees on landside slope.

Photo 2 of 2: SP_2018_RD0999_235_22_20180301_00021.jpg



Looking south at dense trees on landward slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.08	Rating **	М	Issue No.		58
LM End	0.08	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Category				Start		End
Trim / Thin Trees			38.3337	'51 °	38.333751 °	
Item					90°	-121.584390 °
DWR ID	DWR_RD0	999_05_s _ 201	8_58			
		Comn	nent Cod	de		
T1: Trim t	rees to at	least five feet	above g	round level		
		Inspecto	or Comm	nent		

No Photos

LM Start	0.11	Rating **	М	Issue No.		165	
LM End	0.12	Issue Type +	Ma	Location *	WS		
Catagonia Earthen Levee			GPS Latitude/Longitude				
Category				Start		End	
Itom	Slope Stability			38.33419	3°	38.334327	0
Item				-121.58430	3°	-121.584275	0
DWR ID	DWR_RD0999_05_s _ 2017_165						
		_					

Comment Code

S1 : Repair slope instability.

Inspector Comment

Crack greater than two inches along top of half of waterward slope. Three dead trees along slope damage section. Trees should be removed.

LM Start	0.11	Rating **	М	Issue No.	165 (cont)
LM End	0.12	Issue Type +	Ma	Location *	WS

Photo 1 of 3: SP_2018_RD0999_236_165_20180301_00080.jpg



Looking at two inch plus crack on wateward shoulder.

Photo 2 of 3: SP_2018_RD0999_236_165_20180301_00081.jpg



Looking upstream at cracking along waterward shoulder.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.11	Rating **	М	Issue No.		165 (cont)	
LM End	0.12	Issue Type +	Ма	Location *	WS		
Category Earthen Levee			GPS Latitude/Longitude				
Category				Start		End	
Itom	Item Slope Stability			38.33419	98°	38.334327°	
пеш				-121.58430	08°	-121.584275 °	
DWR ID	DWR_RD0999_05_s _ 2017_165					·	
Comment Code							

S1 : Repair slope instability.

Inspector Comment

Crack greater than two inches along top of half of waterward slope. Three dead trees along slope damage section. Trees should be removed.



Looking downstream at crack along waterward shoulder.

LM Start	0.16	Rating **	М	Issue No.		59	
LM End	0.16	Issue Type +	Ма	Ma Location *		WS	
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End		
Item	Vegetation			38.3349	24°	38.334924°	
item				-121.5840	77 °	-121.584077 °	
DWR ID	DWR_RD0999_05_s _ 2018_59					·	

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Nο	Photos	:

LM Start	0.35	Rating **	М	Issue No.		61	
LM End	0.35	Issue Type +	Ma	Location *	WS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Item	Vegetation			38.3374	42 °	38.337442	0
item				-121.5825	22 °	-121.582522	0
DWR ID	DWR_RD0	999_05_s _ 201	8_61				

Comment Code

 $\ensuremath{\mathsf{V2}}$: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.37	Rating **	М	Issue No.		8		
LM End	0.42	Issue Type +	Ма	Location *	LS			
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Calegory				Start		End		
Item	Trim / Thin Trees			38.3376	54°	38.338412 °		
пеш				-121.5824	27 °	-121.582267 °		
DWR ID	DWR_RD0	999_05_s _ 201	2_8					
		Comn	nent Cod	le				
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.								
		Inspecto	or Comm	nent				

LM Start	0.37	Rating **	М	Issue No.	8 (cont)
LM End	0.42	Issue Type +	Ma	Location *	LS



Looking northwest at dense vegetation on landward slope. (Fall 2016)

Photo 2 of 2: SP_2018_RD0999_236_8_20180301_00006.jpg



Lookiing northwest at dense vegetation on landward slope. (Spring 2016)

LM Start	0.37	Rating **	М	Issue No.		3		
LM End	0.39	Issue Type +	Ma	Location *		WS		
Category	evee	GPS La	atitud	e/Longitude				
Calegory				Start		End		
Item	Trim / Thi	n Trees		38.3376	97°	38.337963 °		
пеш						-121.582352 °		
DWR ID	DWR ID DWR_RD0999_05_s _ 2012_3							
		Comn	nent Cod	le				
T1 : Trim t	rees to at	east five feet	above g	round level.				
		Inspect	or Comm	nent				

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.56	Rating **	М	Issue No.		7		
Livi Otart						•		
LM End	0.56	Issue Type +	Ма	Location *		LS		
Category	Earthen L	evee	GPS Latitude/Longitude					
Category	Oly			Start		End		
Item	Trim / Thi	n Trees		38.34047	'5 °	38.340475 °		
Item				-121.58194	2°	-121.581942 °		
DWR ID	DWR_RD0	999_05_s _ 201	2_7					
	Comment Code							
T3 : Trim a	and thin tre	es to allow vis	sibility of	the ground	and	room to		

T3: Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

LM Start	0.68	Rating **	М	Issue No.	No. 189		
LM End	0.68	Issue Type +	Ma	Location *		LS	
Category	Earthen Levee				GPS Latitude/Longitude		
Calegory				Start		End	
Item	Vegetatio	n	l			38.342032	0
пеш				-121.58137	2°	-121.581372	0
DWR ID DWR_RD0999_05_f _ 2014_189							
			_				

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Dense wild grapevines on landside slope.



Looking southwest at dense vegetation on landward slope and toe. (Fall 2016)

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.68	Rating **	М	Issue No.		189 (cont)		
LM End	0.68	Issue Type +	Ma	Location *		LS		
Category	Earthen L	arthen Levee			GPS Latitude/Longitude			
Calegory	ny _			Start		End		
Item	Vegetatio	n		38.3420	32 °	38.342032 °		
пеш				-121.5813	72 °	-121.581372 °		
DWR ID DWR_RD0999_05_f _ 2014_189								
	Comment Code							

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Dense wild grapevines on landside slope.



Looking northwest at dense vegetation on landward slope. (Spring 2016)

LM Start	0.71	Rating **	U	Issue No.		166
LM End	0.71	Issue Type +	Ма	Location *		WS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Encroach	ments		38.3424	83°	38.342483 °
пеш				-121.5812	35 °	-121.581235 °
DWR ID	DWR_RD0	999_05_s _ 201	7_166			

Comment Code

TR: Tree or limb

Inspector Comment

Dead tree fallen on waterward slope. Root ball Left hole on waterward slope 10 to 12 inches deep and approximately 5-ft in diameter.

LM Start	0.71	Rating **	U	Issue No.	166 (cont)
LM End	0.71	Issue Type +	Ma	Location *	WS

Photo 1 of 3: SP_2018_RD0999_236_166_20180301_00083.jpg



Looking at hole left by fallen tree on waterward slope.

Photo 2 of 3: SP_2018_RD0999_236_166_20180301_00084.jpg



Looking east at fallen tree on waterward slope.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.71	Rating **	U	Issue No.		166 (cont)	
LM End	0.71	Issue Type +	Ма	Location *		WS	
Category	GPS Latitude/Longitude						
Calegory				Start		End	
Item	Encroach	ments		38.34248	3°	38.342483	٥
пеш				-121.58123	85 °	-121.581235	٥
DWR ID	D DWR_RD0999_05_s _ 2017_166						

Comment Code

TR: Tree or limb

Inspector Comment

Dead tree fallen on waterward slope. Root ball Left hole on waterward slope 10 to 12 inches deep and approximately 5-ft in diameter.



Looking downstream at fallen tree on waterward slope.

LM Start	0.78	Rating **	М	Issue No.		128		
LM End	0.79	Issue Type +	Ma	Location *		LS		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Item	Trim / Thi	n Trees		38.3434	95 °	38.343617°		
пеш				-121.5812	82 °	-121.581249 °		
DWR ID	DWR_RD0999_05_s _ 2012_128							

Comment Code

T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

LM Start	0.78	Rating **	М	Issue No.	128 (cont)
LM End	0.79	Issue Type +	Ma	Location *	LS





Looking northwest at untrimmed trees on landward slope. (Spring 2015)



Looking at dense trees on landside slope and toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.84	Rating **	U	Issue No.		10		
LM End	0.84	Issue Type +	Ma	Location *		WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Vegetatio	n		38.3442	94°	38.344294 °		
item				-121.5810	54 °	-121.581054 °		
DWR ID DWR_RD0999_05_s _ 2018_10								
		Comn	nent Cod	le				
V2 : Remo slopes.	ove the wild	d growth other	than na	tive grasse	s froi	m the levee		
Inspector Comment								



Vegetation waterside looking north.

LM Start	0.93	Rating **	М	Issue No.		197		
LM End	0.95	Issue Type +	Ma	Location *		LS		
Category	evee	GPS Latitude/Longitude						
Calegory				Start		End		
Item	Trim / Thi	n Trees		38.34556	64°	38.345844 °		
пеш			-121.58061	4 °	-121.580458 °			
DWR ID	DWR_RD0							
	Comment Code							

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

LM Start	1.00	Rating **	М	Issue No.		180	
LIVI Start	1.00	rtaing	IVI	13300 140.		100	
LM End	1.02	1.02 Issue Type + Ma		Location *		LS	
Category	evee	GPS Latitude/Longitude					
Calegory				Start		End	
Item	Trim / Thin Trees			38.3464	77°	38.346864°	
item			-121.5800	86 °	-121.579864°		
DWR ID	/R ID DWR_RD0999_05_s _ 2015_180						
Comment Code							

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

-							
LM Start	1.04	Rating **	М	Issue No.		146	
LM End	1.06	Issue Type +	Ma	Location *	LS		
Catagony	evee	GPS Latitude/Longitude					
Category				Start		End	
Item	Trim / Thi		38.3470	67°	38.347331 °		
Item	item				'35 °	-121.579582 °	
DWR ID DWR_RD0999_05_f _ 2013_146							
	Comment Code						
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.							
Inspector Comment							

No Photos

LM Start	1.07	Rating **	М	Issue No.		14	
LM End	1.11	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
				Start		End	
Item	Trim / Thin Trees			38.34742	27°	38.347863 °	
пеш						-121.579113°	
DWR ID DWR_RD0999_05_s _ 2012_14							
Comment Code							

T1: Trim trees to at least five feet above ground level.

Inspector Comment



Looking west at untrimmed trees on landward slope and toe.

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

		II.					
LM Start	1.15	Rating **	U	Issue No.		15	
LM End	1.19	Issue Type +	Ma	Location *	LS		
Category	evee	GPS Latitude/Longitude					
Calegory				Start		End	
Item	Trim / Thi		38.348237 °		38.348328°		
пеш		-121.578440 °		-121.577735°			
DWR ID DWR_RD0999_05_s _ 2012_15							
Comment Code							
T1 : Trim trees to at least five feet above ground level.							
Inspector Comment							



Looking north at untrimmed trees on landward slope and toe.

LM Start	1.30	Rating **	М	Issue No.		36	
LM End	1.30	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Trim / Thin Trees			38.3482	52°	38.348252 °	
пеш				-121.5757	04 °	-121.575704°	
DWR ID DWR_RD0999_05_s _ 2012_36							
0 10 1							

Comment Code

T1: Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

LM Start	1.46	Rating **	U	Issue No.		18
LM End	1.83	Issue Type +	Ma	Location *	LS	
Category	Earthen L	GPS La	titud	e/Longitude		
Calegory				Start	Start End	
Item	Trim / Thin Trees			38.3486	70°	38.353852 °
пеш				-121.5733	20°	-121.573570 °
DWR ID	DWR_RD0	999_05_s _ 201	2_18			

Comment Code

T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment



Looking east at dense trees on landward slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side	A : Acceptable M : Minimally Acceptable	N : Not Inspected/Rated C : Corrected	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	1.69	Rating **	U	Issue No.		199
LM End	1.69	Issue Type +	Ма	Location *		LS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Vegetatio	n		38.3519	57°	38.351957°
пеш				-121.5740	96°	-121.574096°
DWR ID	DWR_RD0	999_05_f _ 201	4_199			
		Comn	nent Cod	de		
V2 : Remo	ove the wild	d growth other	than na	tive grasse	s fro	m the levee
		Inspecto	or Comm	nent		
Dense veg	etation on	landward slop	oe.			



Looking northwest at dense vegetation on landward slope.

LM Start	1.70	Rating **	М	Issue No.	21			
LM End	1.77	Issue Type +	Ma	Location *	WS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory			Start		End			
Item	Trim / Thi	n Trees		38.35208	8°	38.352968°		
пеш				-121.57405	2°	-121.574008°		
DWR ID DWR_RD0999_05_s _ 2012_21						·		
Comment Code								

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	2.14	Rating **	М	Issue No.	24		
LM End	2.16	Issue Type +	Ма	Location *	LS		
Category Earthen Levee			GPS La	titud	e/Longitude		
Calegory	ategory					End	
Item	Trim / Thi	n Trees		38.35540)2 °	38.355282 °	
пеш				-121.56889	93 °	-121.568547°	
DWR ID	DWR_RD0	999_05_s _ 201	2_24				
Comment Code							
T3 Trim a	T3 · Trim and thin trees to allow visibility of the ground and room to						

T3: Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment



Looking west at dense trees on landward slope. (Spring 2015)

LM Start	2.36	Rating **	М	Issue No.		42	
LM End	2.48	Issue Type +	Ma	Location *	WS		
Category Earthen Levee				GPS Lat	itud	e/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.35491	6°	38.355982	٥
пеш				-121.56516	7°	-121.563561	0
DWR ID	DWR_RD0	999_05_s _ 201	2_42				

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

LM Start	2.51	Rating **	М	Issue No.		82	
LM End	2.65	Issue Type +	Ma	Location *		LS	
Category	Catagoria Earthen Levee				GPS Latitude/Longitude		
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.3562	70°	38.358132 °	
пеш				-121.5632	18 °	-121.562347°	
DWR ID	DWR_RD0	999_05_s _ 201	2_82				

Comment Code

T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment



Looking northwest at dense trees on landward slope. (Spring 2015)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	3.22	Rating **	М	Issue No.		191
LM End	3.63	Issue Type +	Ma	Location *		CR
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Crown Su	rface / Depres	ssions /	38.3646	98°	38.366911 °
пеш	Rutting			-121.5601	58°	-121.556784°
DWR ID	DWR_RD0	999_05_s _ 201	4_191			
		Comn	nent Cod	le		
C3 : Add a	appropriate	gravel or roa	d base.	Grade and	com	pact.
		Inspect	or Comm	nent		

No Photos

LM Start	3.29	Rating **	М	Issue No.	68	
LM End	3.29	Issue Type +	Ma	Location *	LS	
Category Earthen Levee			GPS La	titud	le/Longitude	
Calegory	Category			Start		End
Item	Trim / Thi	n Trees		38.36434	11 °	38.364341 °
пеш				-121.55892	28°	-121.558928 °
DWR ID DWR_RD0999_05_s _ 2018_68						
Comment Code						

T1 : Trim trees to at least five feet above ground level.

Inspector Comment



Trim thin trees landside looking north.

N: Not Inspected/Rated

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	3.39	Rating **	U	Issue No.		213
LM End	3.39	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory						End
Item	Trim / Thin Trees			38.363906 °		38.363906 °
item				-121.557220 °		-121.557220 °
DWR ID	DWR_RD0	999_05_s _ 201	6_213			
		Comn	nent Coo	de		
T1: Trim t	rees to at	least five feet	above g	round level		
Inspector Comment						

LM Start	3.39	Rating **	U	Issue No.	213 (cont)
	0.00	Janua Tima	N 4	Location *	1.0



Looking northwest at untrimmed trees on landward toe. (Fall 2016)

Photo 2 of 2: SP_2018_RD0999_236_213_20180301_00117.jpg



Looking northwest at untrimmed trees at landward toe. (Spring 2016)

1 NA O4	3.56	Rating **	М	Issue No.		173	
LM Start	3.30	rating	IVI	13306 110.		173	
LM End	3.56	Issue Type +	Ma	Location *	WS		
Category Earthen Levee			GPS Latitude/Longitude				
			Start		End		
Item	Trim / Thi	n Trees		38.365882 °		38.365882 °	
item				-121.556762 °		-121.556762 °	
DWR ID	DWR ID DWR_RD0999_05_f _ 2015_173						
Comment Code							
T4 : Trim trees over roadway to at least 12 feet above ground level.							

Inspector Comment



Looking at the tree overhanging the levee crown.

* Location		** Rating		+ Issue Type
LS: Land Side	N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	3.58	Rating **	М	Issue No.		201	
LM End	3.64	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Trim / Thin Trees			38.3661	03°	38.367035 °	
пеш				-121.5568	320°	-121.556781 °	
DWR ID	DWR ID DWR_RD0999_05_f _ 2014_201						
		Comn	nent Cod	de			
T2: Thin t	rees to allo	w visibility of	the grou	nd and roo	m to	flood fight.	
Inspector Comment							

Photo 1 of 2 : SP_2018_RD0999_236_201_20180301_00111.jpg
,
A LAND TO THE REAL PROPERTY OF THE PARTY OF

Looking northwest at several small oak trees planted along landward slope.

 LM Start
 3.58
 Rating **
 M
 Issue No.
 201 (cont)

 LM End
 3.64
 Issue Type +
 Ma
 Location *
 LS

Photo 2 of 2: SP_2018_RD0999_236_201_20180301_00112.jpg



Looking west a several small oak trees planted on landward slope.

LM Start	3.68	Rating **	М	Issue No.		69	
LM End	3.68	Issue Type +	Ма	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Erosion /	Bank Caving		38.3675	29°	38.367529°	
item				-121.5564	55 °	-121.556455 °	
DWR ID DWR_RD0999_05_s _ 2018_69							
		Comn	nent Cod	le			
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spe	ction.	
			_				
		Inspecto	or Comm	ient			
Repair hol	e caused b	by removal of	fencepos	st.			



Erosion landside looking west.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	3.80	Rating **	М	Issue No.		174	
LM End	3.80	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory			Start		End		
Item	Encroach	ments		38.3682	07°	38.368207°	
пеш				-121.554360 °		-121.554360 °	
DWR ID	ID DWR_RD0999_05_f _ 2015_174						
		Comn	nent Cod	le			
TR : Tree or limb							
Inspector Comment							
Downed tree branch and limbs on waterside slope.							



Looking at downed tree branch on waterward slope.

LM Start	4.25	Rating **	U	Issue No.		12	
LM End	4.25	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End		
Item	Slope Sta	bility		38.372872 °		38.372872 °	
item				-121.552185 °		° -121.552185 °	
DWR ID DWR_RD0999_05_s _ 2017_12							
Comment Code							
O4 Description in the table.							

S1 : Repair slope instability.

Inspector	Comment

Large slough on waterside slope.

LM Start	4.25	Rating **	U	Issue No.	12 (cont)
LM End	4.25	Issue Type +	Ma	Location *	WS





Looking downstream at finger erosion on downstream side of slough.

Photo 2 of 2: SP_2018_RD0999_236_12_20180301_00010.jpg



Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	4.51	Rating **	М	Issue No.		32
LM End	4.85	Issue Type +	Ма	Location *		CR
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item		rface / Depres	ssions /	38.3750	84°	38.377176°
пеш	Rutting			-121.548750 °		-121.543571 °
DWR ID	DWR ID DWR_RD0999_05_f _ 2012_32					
		Comn	nent Cod	le		
C1 : Add a above the		material and vation.	re-grade	the levee	to br	ing the crown
		Inspecto	or Comm	nent		

No Photos

LM Start	4.55	Rating **	M	Issue No.	72	
LM End	4.55	Issue Type +	Ma	Location *	WS	
Category Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End
Vegetation				38.37507	3°	38.375073 °
пеш				-121.54804	4 °	-121.548044°
DWR ID DWR_RD0999_05_s _ 2018_72						
Comment Code						

V2 : Remove the wild growth other than native grasses from the levee

slopes.

Inspector Comment

No Photos

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	4.55	Rating **	М	Issue No.		70	
LM End	4.55	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS L	atitud	e/Longitude	
Calegory		Start		End			
Item	Vegetatio	n		38.3750	76°	38.375076	0
пеш				-121.548043 °		-121.548043	0
DWR ID	DWR_RD0	999_05_s _ 201	8_70				
		Comn	nent Cod	le			
V2 : Remo	V2 : Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comment							

No Photos

LM Start	4.65	Rating **	Ν	Issue No.		62	
LM End	4.65	Issue Type +	Ма	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End		
Item	Trim / Thi	n Trees		38.37536	65°	38.375365 °	
пеш				-121.54630)5 °	-121.546305 °	
DWR ID	DWR_RD0999_05_s _ 2012_62						

Comment Code

T5: Tree stumps.

Inspector Comment

No Photos

LM Start	5.12	Rating **	U	Issue No.	176			
LM End	5.12	Issue Type +	Ma	Location *		WS		
Category	Earthen L	arthen Levee			GPS Latitude/Longitude			
Calegory				Start		End		
Item	Slope Stability			38.3804	20°	38.380420 °		
пеш				-121.5411	02 °	-121.541102 °		
DWR ID DWR_RD0999_05_f _ 2015_176								
Comment Code								

S1: Repair slope instability.

Inspector Comment

Large hole on waterside shoulder caused by fallen tree.



Photo 1 of 3: SP_2018_RD0999_236_176_20180301_00097.jpg

Looking at hole from falling tree on waterward shoulder. (Fall 2016)

* Location Rating + Issue Type LS : Land Side N/A : Not Applicable A : Acceptable M : Minimally Acceptable U : Unacceptable Ma: Maintenance Deficiancy N: Not Inspected/Rated WS: Water Side C : Corrected Ob: Design & System Obsolescence CR : Crown A/W : Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	5.12	Rating **	U	Issue No.		176 (cont)	
LM End	5.12	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Slope Sta	bility		38.3804	20°	38.380420 °	
пеш				-121.541102 °		-121.541102 °	
DWR ID	DWR ID DWR_RD0999_05_f _ 2015_176						
		Comn	nent Cod	de			
S1 : Repai	r slope ins	tability.					
		Inspecto	or Comm	nent			
Large hole	Large hole on waterside shoulder caused by fallen tree.						

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Photo 2 of 3: SP_2018_RD0999_236_176_20180301_00098.jpg

Looking at hole on waterward shoulder caused by fallen tree.

 LM Start
 5.12
 Rating **
 U
 Issue No.
 176 (cont)

 LM End
 5.12
 Issue Type +
 Ma
 Location *
 WS

Photo 3 of 3: SP_2018_RD0999_236_176_20180301_00099.jpg



Looking at fallen tree and hole on waterward slope and shoulder.

	F 24	Rating **	N 4	Issue No.		04.4	
LM Start	5.31	Rating	М	issue ivo.		214	
LM End	5.31	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Encroach	ments		38.3811	78 °	38.381178°	
пеш				-121.5441	93 °	-121.544193 °	
DWR ID	DWR_RD0	999_05_s _ 201	6_214				
		Comn	nent Cod	le			
PR : Pruni	ngs						
		Inspecto	or Comm	nent			
Pruning pile on waterside slope.							



Looking southeast at prunings on waterward shoulder.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	5.41	Rating **	С	Issue No.		215	
LM End	5.41	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Encroach	ments		38.3817	63°	38.381763 °	
пеш				-121.5459	04°	-121.545904°	
DWR ID	DWR_RD0	999_05_s _ 201	6_215				
		Comn	nent Cod	le			
MA : Mate	rial						
		Inspecto	or Comm	nent			
Concrete p	Concrete piled on waterside shoulder and slope						

No Photos

LM Start	5.50	Rating **	U	Issue No.		71
LM End	5.55	Issue Type +	Ма	Location *	WS	
Category Earthen Levee			GPS La	atitud	e/Longitude	
Calegory				Start		End
Item	Vegetatio	n		38.3827	90°	38.383548°
item				-121.5467	54°	-121.546728°
DWR ID DWR_RD0999_05_s _ 2012_71						
Comment Code						

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment



Looking northeast at dense vegetation on waterside slope.

LM Start	5.53	Rating **	М	Issue No.		74			
LM End	5.53	Issue Type +	Ma	Location *	LS				
Category	Catagoria Earthen Levee				GPS Latitude/Longitude				
Calegory						End			
Item	Encroach	ments		38.3833	49 °	38.383349	0		
ILEIII				-121.5467	78 °	-121.546778	0		
DWR ID	DWR_RD0	999_05_s _ 201	8_74						
		Comn	nent Coc	le					

TR : Tree or limb

Inspector Comment

Removed downed tree limbs.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	6.13	Rating **	М	Issue No. 60		60	
LM End	6.13	Issue Type +	Ма	Location *	LS		
Catagony	GPS La	titud	le/Longitude				
Calegory	Category					End	
Item	Trim / Thi	n Trees		38.3882	25 °	38.388225	0
пеш			-121.54269	97 °	-121.542697	0	
DWR ID DWR_RD0999_05_s _ 2012_60							
	Comment Code						

T3: Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment



Looking north at dense trees on landward slope. (Spring 2015)

LM Start	6.43	Rating **	М	Issue No.		92
LM End	6.48	Issue Type +	Ma	Location *		LS
Category Earthen Levee				GPS Latitude/Longitude		
Calegory	alegory					End
Item	Encroach	ments		38.3913	55°	38.391776°
iteiii				-121.5401	13 °	-121.539295 °
DWR ID	DWR_RD0999_05_s _ 2012_92					

Comment Code

PR: Prunings

Inspector Comment

Large pruning piles and fallen tree on waterside and landside shoulder and slope.

Photo 1 of 2 : SP_2018_RD0999_236_92_20180301_00045.jpg



Looking east at fallen tree and pruning on landward and waterward shoulder and slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	6.43	Rating **	М	Issue No.		92 (cont)
LM End	6.48	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Encroach	ments		38.3913	55 °	38.391776 °
пеш					13 °	-121.539295 °
DWR ID DWR_RD0999_05_s _ 2012_92						
		Comn	nent Cod	le		
PR : Pruni	ngs					
			0	1		
		Inspecto	or Comm	ient		
Large pruning piles and fallen tree on waterside and landside shoulder and slope.						



Looking east at tree branches and limbs on waterward and landward shoulder and slope.

LM Start	6.44	Rating **	М	Issue No.		181	
LM End	6.44	Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Item	Trim / Thi	Trim / Thin Trees			02°	38.391502 °	
пеш				-121.539897 °		-121.539897 °	
DWR ID	DWR_RD0	999_05_f _ 201	5_181				
Comment Code							
T1: Trim t	rees to at	least five feet	above g	round level.			

Inspector Comment

Untrimmed trees on landside slope and toe.



Looking northwest at untrimmed trees on landward slope and toe.

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	7.30	Rating **	М	Issue No.		79
LM End	7.37	Issue Type +	Ma	Location *	_ocation * LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory			Start		End	
Vegetation				38.4015	09°	38.402295 °
пеш				-121.538116 °		-121.538785°
DWR ID DWR_RD0999_05_s _ 2018_79						
		Comn	nent Coo	le		
V1 : Contro	ol annual g	rass and wee	ds on th	e levee slo	pes a	and
easements	S.					
		Inspecto	or Comm	nent		

No Photos

LM Start	7.30	Rating **	M	Issue No.		80	
LM End	7.37	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee	GPS Latitude/Longitude				
Calegory				Start		End	
Itom	Vegetation			38.4015	40°	38.402301	•
Item				-121.5381	50°	-121.538788	٥
DWR ID	DWR_RD0	999_05_s _ 201	8_80				
		C		l =			

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	8.14	Rating **	М	Issue No.		205	
LM End	8.14	Issue Type +	Ма	Location *		WS	
Category	Earthen L		GPS Latitude/Longitude				
Calegory				Start		End	
ltom	Trim / Thin Trees			38.409876 °		38.409876 °	
Item				-121.539348 °		-121.539348 °	
DWR ID	DWR_RD0	999_05_f _ 201	4_205				
		Comn	nent Coc	le			

Comment Code

T4 : Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

No Photos

* Location		** Rating	
LS: Land Side	N/A: Not Applicable	A : Acceptable	N : Not Inspecte
WS: Water Side		M : Minimally Acceptable	C : Corrected
CR : Crown		U : Unacceptable	A/W : Acceptable

N : Not Inspected/Rated C : Corrected vW : Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

1140/	8.15	Rating **	A/W	Issue No.		220	
LM Start	0.15	rating	AVV	13306 110.		220	
LM End	8.42	Issue Type +	Ma	Location *	CR		
Category	Earthen Levee			GPS La	atitud	le/Longitude	
Category				Start		End	
Crown Surface / Depres			ssions /	38.4098	92°	38.408612 °	
Item	Rutting			-121.539225 °		-121.534570 °	
DWR ID	DWR_RD0	999_05_s _ 201	6_220				
		Comn	nent Coo	le			
C1 : Add a above the		material and vation.	re-grade	the levee t	to br	ing the crown	
	Inspector Comment						

No Photos

LM Start	8.22	Rating **	U	Issue No.	206		
LM End	8.22	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Trim / Thin Trees			38.4096	79°	38.409679 °	
пеш				-121.537920 °		-121.537920°	
DWR ID	DWR_RD0	999_05_f _ 201	4_206				
		Comn	nent Coc	de			

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment



Looking west at untrimmed trees on landward toe.

N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	8.22	Rating **	U	Issue No.	118		
LM End	8.22	Issue Type +	Ma	Location *	WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Trim / Thin Trees			38.4096	65°	38.409665 °	
item				-121.537898 °		-121.537898°	
DWR ID	DWR_RD0	999_05_s _ 201	2_118				
		Comn	nent Cod	le			
T1: Trim t	rees to at	least five feet	above g	round level			
		Inspecto	or Comm	nent			



Looking northeast at untrimmed trees on watward slope.

LM Start	8.44	Rating **	М	Issue No.	88			
LM End	8.54	Issue Type +	Ma	Location *	CR			
Category	Earthen L	GPS Latitude/Longitude						
Calegory		Start		End				
Item	Crown Surface / Depressions /			38.40880	00°	38.409835	0	
пеш	Rutting			-121.53428	84 °	-121.533124	0	
DWR ID	DWR_RD0							
	Comment Code							

C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.

Inspector Comment

Crown is degraded by animal traffic.

No Pr	าotos
-------	-------

LM Start	8.61	Rating **	М	Issue No.	123		
LM End	8.61	Location *	LS				
Category	GPS Lat	tud	e/Longitude				
Category				Start		End	
Trim / Thin Trees				38.41043	4 °	38.410434	0
пеш		-121.53205	o°	-121.532050	0		
DWR ID DWR_RD0999_05_s _ 2012_123							
Comment Code							

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	8.64	Rating **	М	Issue No.		223	
LM End	8.72	Issue Type +	Ma	Location *		CR	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		38.4106	96°	38.411560°	
пеш				-121.5315	84°	-121.530479 °	
DWR ID DWR_RD0999_05_f _ 2016_223							
Comment Code							
V9 : Keep the crown roadway free of vegetation.							
Inspector Comment							
Control growth on levee crown							



Looking east at overgrowth on levee crown.

LM Start	8.73	Rating **	Issue No.	o. 89			
LM End	8.77	Issue Type +	Ma	Location *	tion * CR		
Category	evee	GPS La	titud	e/Longitude			
Category				Start		End	
Item	Trim / Thin Trees				37°	38.411959°	
item			-121.5303 ⁻	12°	-121.529838 °		
DWR ID DWR_RD0999_05_s _ 2018_89							
Comment Code							

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

Item Encroachments 38.415412 ° 38.4 -121.529500 ° -121.52 DWR ID DWR_RD0999_05_f _ 2017_108 Comment Code	LM Start	9.01	Rating **	М	Issue No.		108		
Start En	LM End	9.01	9.01 Issue Type + Ma Location * WS						
Start En	Catagony	Earthen L	evee		GPS La	atitud	e/Longitude		
tem	Calegory		Start		End				
-121.529500 ° -121.52 DWR ID DWR_RD0999_05_f _ 2017_108 Comment Code PR : Prunings	ltom	Encroach	ments		38.4154	12°	38.415412 °		
Comment Code PR : Prunings	пеш				-121.529500 °		-121.529500 °		
PR : Prunings	DWR ID DWR_RD0999_05_f _ 2017_108								
	Comment Code								
Inspector Comment	PR : Prunings								
Inspector Comment									
	Inspector Comment								



Looking southeast at the waterside slope.

LM Start	9.18	Rating **	M	Issue No.	90		
LM End	9.18 Issue Type + Ma			Location *	CR		
Category Earthen Levee				GPS Latitude/Longitude			
				Start		End	
ltom	ltem Vegetation			38.41529	94°	38.415294°	
пеш				-121.52703	37°	-121.527037 °	
DWR ID DWR_RD0999_05_s _ 2018_90							
Comment Code							

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Nο	Photos	

LM Start	9.39	Rating **	A/W	Issue No.	114		
LM End	9.39	9.39 Issue Type + Ma Location * LS					
Earthen Levee				GPS La	atitud	e/Longitude	
Category			Start		End		
Item	Vegetation			38.413377°		38.413377	0
пеш		-121.5245	00°	-121.524500	0		
DWR ID DWR_RD0999_05_s _ 2012_114							
Comment Code							
V4 . Elderherrine are blooking visibility and flood fight conchility							

V4 : Elderberries are blocking visibility and flood fight capability.

Inspector Comment

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres